

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071438.D
 Acq On : 23 Dec 2021 13:02
 Operator : VA/SY
 Sample : VD1223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1223SBS01

Quant Time: Dec 23 14:51:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	347659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	207455	44.931	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.860%		
35) Dibromofluoromethane	7.908	113	183295	45.644	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.280%		
50) Toluene-d8	10.338	98	698711	46.042	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.080%		
62) 4-Bromofluorobenzene	12.626	95	241797	44.839	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75730	20.788	ug/l	86
3) Chloromethane	2.215	50	104018	22.299	ug/l	98
4) Vinyl Chloride	2.356	62	117965	21.103	ug/l	100
5) Bromomethane	2.762	94	86553	22.133	ug/l	99
6) Chloroethane	2.926	64	79556	21.445	ug/l	92
7) Trichlorofluoromethane	3.273	101	146108	21.351	ug/l	98
8) Diethyl Ether	3.709	74	39329	20.075	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	83347	20.935	ug/l	95
10) Methyl Iodide	4.309	142	74223	19.171	ug/l	96
11) Tert butyl alcohol	5.209	59	41842	92.314	ug/l #	80
12) 1,1-Dichloroethene	4.067	96	76925	21.238	ug/l #	74
13) Acrolein	3.932	56	20035	89.826	ug/l	95
14) Allyl chloride	4.720	41	141409	20.641	ug/l #	78
15) Acrylonitrile	5.414	53	95344	98.824	ug/l	97
16) Acetone	4.156	43	97883	84.400	ug/l	90
17) Carbon Disulfide	4.409	76	254683	21.581	ug/l	96
18) Methyl Acetate	4.720	43	73508	20.535	ug/l	92
19) Methyl tert-butyl Ether	5.485	73	183145	19.588	ug/l	91
20) Methylene Chloride	4.962	84	119681	23.718	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	87582	20.877	ug/l	91
22) Diisopropyl ether	6.361	45	290324	20.817	ug/l	96
23) Vinyl Acetate	6.303	43	704312	97.962	ug/l	98
24) 1,1-Dichloroethane	6.273	63	169734	21.229	ug/l	99
25) 2-Butanone	7.214	43	130546	94.239	ug/l #	83
26) 2,2-Dichloropropane	7.208	77	138615	21.100	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	99615	21.468	ug/l	92
28) Bromochloromethane	7.550	49	63675	19.434	ug/l	90
29) Tetrahydrofuran	7.561	42	80838	97.193	ug/l	92
30) Chloroform	7.708	83	168157	20.844	ug/l	99
31) Cyclohexane	7.985	56	161908	20.642	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	153450	21.447	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	132667	20.679	ug/l	98
37) Ethyl Acetate	7.291	43	56880	19.204	ug/l #	92
38) Carbon Tetrachloride	8.097	117	135636	21.429	ug/l	96
39) Methylcyclohexane	9.355	83	153494	20.438	ug/l	96
40) Benzene	8.350	78	357972	20.755	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071438.D
 Acq On : 23 Dec 2021 13:02
 Operator : VA/SY
 Sample : VD1223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1223SBS01

Quant Time: Dec 23 14:51:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31039	17.643	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	115205	20.484	ug/l	93
43) Isopropyl Acetate	8.450	43	110162	18.742	ug/l #	90
44) Trichloroethene	9.108	130	96783	21.534	ug/l	98
45) 1,2-Dichloropropane	9.379	63	89856	20.078	ug/l	95
46) Dibromomethane	9.473	93	49264	19.925	ug/l	91
47) Bromodichloromethane	9.655	83	127781	20.355	ug/l	99
48) Methyl methacrylate	9.450	41	56836	19.540	ug/l #	77
49) 1,4-Dioxane	9.461	88	9554	341.941	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	289040	93.466	ug/l	90
52) Toluene	10.397	92	223185	20.371	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	114769	19.579	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	134998	19.929	ug/l #	74
55) 1,1,2-Trichloroethane	10.791	97	62080	19.781	ug/l	95
56) Ethyl methacrylate	10.655	69	78183	18.931	ug/l #	69
57) 1,3-Dichloropropane	10.938	76	113771	19.791	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	196329	99.240	ug/l	99
59) 2-Hexanone	10.979	43	200894	91.904	ug/l	87
60) Dibromochloromethane	11.132	129	76644	19.427	ug/l	98
61) 1,2-Dibromoethane	11.238	107	60870	19.582	ug/l	100
64) Tetrachloroethene	10.873	164	80221	21.116	ug/l	98
65) Chlorobenzene	11.661	112	233621	20.833	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	84014	20.508	ug/l	98
67) Ethyl Benzene	11.738	91	430621	20.634	ug/l	98
68) m/p-Xylenes	11.843	106	326146	41.134	ug/l	94
69) o-Xylene	12.173	106	151576	20.914	ug/l	97
70) Styrene	12.191	104	259965	20.648	ug/l	96
71) Bromoform	12.349	173	43218	19.495	ug/l #	99
73) Isopropylbenzene	12.473	105	409871	20.763	ug/l	99
74) N-amyl acetate	12.279	43	100062	18.893	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.720	83	72826	20.405	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	48422m	15.916	ug/l	
77) Bromobenzene	12.755	156	89765	20.435	ug/l	97
78) n-propylbenzene	12.814	91	513016	20.733	ug/l	100
79) 2-Chlorotoluene	12.896	91	280501	20.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	344564	21.162	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	21492	19.960	ug/l #	83
82) 4-Chlorotoluene	12.996	91	299778	20.900	ug/l	100
83) tert-Butylbenzene	13.214	119	287317	20.650	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	330254	20.494	ug/l	98
85) sec-Butylbenzene	13.390	105	443320	20.900	ug/l	99
86) p-Isopropyltoluene	13.508	119	360285	20.471	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	179218	20.259	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	176403	20.336	ug/l	97
89) n-Butylbenzene	13.832	91	355996	20.608	ug/l	97
90) Hexachloroethane	14.096	117	70605	21.177	ug/l	88
91) 1,2-Dichlorobenzene	13.879	146	153864	20.494	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11585	18.718	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	92056	20.120	ug/l	98
94) Hexachlorobutadiene	15.255	225	51644	21.071	ug/l	97
95) Naphthalene	15.384	128	163958	18.827	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	79302	20.040	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071438.D
 Acq On : 23 Dec 2021 13:02
 Operator : VA/SY
 Sample : VD1223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD1223SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 14:51:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071438.D
 Acq On : 23 Dec 2021 13:02
 Operator : VA/SY
 Sample : VD1223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1223SBS01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 14:51:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122215.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

