

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071481.D
 Acq On : 27 Dec 2021 12:34
 Operator : VA/SY
 Sample : VD1227SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 16:47:38 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)

Internal Standards						
1) Pentafluorobenzene	7.979	168	370499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	619988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	577487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	276312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	272800	55.441	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.880%			
35) Dibromofluoromethane	7.914	113	245595	58.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.880%			
50) Toluene-d8	10.338	98	919882	58.418	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.840%			
62) 4-Bromofluorobenzene	12.626	95	323399	57.796	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	80213	20.662	ug/l	98
3) Chloromethane	2.215	50	92414	18.590	ug/l	96
4) Vinyl Chloride	2.356	62	105633	17.732	ug/l	98
5) Bromomethane	2.762	94	78477	18.831	ug/l	94
6) Chloroethane	2.920	64	72551	18.351	ug/l	92
7) Trichlorofluoromethane	3.279	101	156822	21.504	ug/l	95
8) Diethyl Ether	3.709	74	43827	20.992	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	89560	21.109	ug/l	96
10) Methyl Iodide	4.309	142	89269	21.635	ug/l	95
11) Tert butyl alcohol	5.209	59	41237	82.152	ug/l #	90
12) 1,1-Dichloroethene	4.067	96	80677	20.901	ug/l	88
13) Acrolein	3.920	56	21421	90.120	ug/l	100
14) Allyl chloride	4.720	41	154844	21.209	ug/l #	83
15) Acrylonitrile	5.420	53	109873	106.862	ug/l	98
16) Acetone	4.156	43	116907	94.590	ug/l #	83
17) Carbon Disulfide	4.414	76	229430	18.242	ug/l	95
18) Methyl Acetate	4.714	43	76723	20.112	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	212002	21.276	ug/l	97
20) Methylene Chloride	4.967	84	113373	20.222	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	90980	20.350	ug/l	89
22) Diisopropyl ether	6.361	45	314704	21.174	ug/l #	89
23) Vinyl Acetate	6.309	43	792919	103.487	ug/l	97
24) 1,1-Dichloroethane	6.261	63	184007	21.595	ug/l	96
25) 2-Butanone	7.208	43	145294	98.420	ug/l	90
26) 2,2-Dichloropropane	7.208	77	150689	21.524	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	104903	21.214	ug/l	90
28) Bromochloromethane	7.550	49	69278	19.841	ug/l	89
29) Tetrahydrofuran	7.561	42	90269	101.841	ug/l	92
30) Chloroform	7.708	83	185349	21.559	ug/l	99
31) Cyclohexane	7.985	56	162491	19.440	ug/l #	87
32) 1,1,1-Trichloroethane	7.903	97	165800	21.744	ug/l	95
36) 1,1-Dichloropropene	8.114	75	141408	21.242	ug/l	96
37) Ethyl Acetate	7.291	43	63973	20.815	ug/l #	91
38) Carbon Tetrachloride	8.097	117	142253	21.659	ug/l	98
39) Methylcyclohexane	9.355	83	157377	20.195	ug/l	97
40) Benzene	8.350	78	383212	21.413	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071481.D
 Acq On : 27 Dec 2021 12:34
 Operator : VA/SY
 Sample : VD1227SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 16:47:38 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)
41) Methacrylonitrile	7.514	41	35052	19.201	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	122470	20.987	ug/l	93
43) Isopropyl Acetate	8.450	43	125053	20.504	ug/l	92
44) Trichloroethene	9.108	130	100566	21.564	ug/l	98
45) 1,2-Dichloropropane	9.379	63	100980	21.745	ug/l	99
46) Dibromomethane	9.473	93	52989	20.654	ug/l	98
47) Bromodichloromethane	9.655	83	139997	21.493	ug/l	100
48) Methyl methacrylate	9.450	41	63405	21.008	ug/l #	82
49) 1,4-Dioxane	9.461	88	10642	367.071	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	323686	100.875	ug/l	92
52) Toluene	10.397	92	243251	21.398	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	132530	21.789	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	151542	21.561	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	69246	21.264	ug/l	92
56) Ethyl methacrylate	10.655	69	90764	21.180	ug/l #	72
57) 1,3-Dichloropropane	10.944	76	126035	21.129	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	214993	104.734	ug/l	99
59) 2-Hexanone	10.979	43	229775	101.305	ug/l	88
60) Dibromochloromethane	11.138	129	89961	21.976	ug/l	97
61) 1,2-Dibromoethane	11.238	107	69378	21.510	ug/l	100
64) Tetrachloroethene	10.873	164	83517	20.811	ug/l	97
65) Chlorobenzene	11.667	112	256079	21.618	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	93407	21.585	ug/l	99
67) Ethyl Benzene	11.738	91	478820	21.720	ug/l	100
68) m/p-Xylenes	11.844	106	353213	42.173	ug/l	92
69) o-Xylene	12.173	106	169994	22.205	ug/l	97
70) Styrene	12.185	104	291935	21.951	ug/l	96
71) Bromoform	12.349	173	50867	21.722	ug/l #	96
73) Isopropylbenzene	12.473	105	458223	21.510	ug/l	99
74) N-amyl acetate	12.279	43	118359	20.709	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	82802	21.499	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	55094m	16.781	ug/l	
77) Bromobenzene	12.749	156	102548	21.633	ug/l	98
78) n-propylbenzene	12.808	91	570296	21.358	ug/l	100
79) 2-Chlorotoluene	12.896	91	315987	21.175	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	384025	21.856	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	23470	20.199	ug/l #	78
82) 4-Chlorotoluene	12.996	91	334256	21.595	ug/l	98
83) tert-Butylbenzene	13.214	119	324944	21.642	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	379555	21.826	ug/l	97
85) sec-Butylbenzene	13.390	105	496823	21.705	ug/l	99
86) p-Isopropyltoluene	13.502	119	405991	21.377	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	201765	21.135	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	199986	21.365	ug/l	97
89) n-Butylbenzene	13.832	91	400118	21.464	ug/l	99
90) Hexachloroethane	14.096	117	77152	21.444	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	171646	21.186	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13736	20.566	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	105374	21.343	ug/l	99
94) Hexachlorobutadiene	15.255	225	58067	21.954	ug/l	99
95) Naphthalene	15.384	128	198499	21.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	91525	21.433	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
Data File : VD071481.D
Acq On : 27 Dec 2021 12:34
Operator : VA/SY
Sample : VD1227SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBSD01

Manual Integrations
APPROVED

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

Quant Time: Dec 27 16:47:38 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

