

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077813.D
 Acq On : 11 Dec 2023 16:07
 Operator : JC/SY
 Sample : VD1212SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

Quant Time: Dec 11 17:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83848	51.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.180%			
35) Dibromofluoromethane	7.805	113	85548	51.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.220%			
50) Toluene-d8	10.269	98	344232	51.352	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.575	95	102384	51.086	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	36573	21.226	ug/l	97
3) Chloromethane	2.152	50	51482	21.920	ug/l	98
4) Vinyl Chloride	2.287	62	68415	21.458	ug/l	96
5) Bromomethane	2.693	94	39413	22.030	ug/l	96
6) Chloroethane	2.846	64	46046	21.183	ug/l	94
7) Trichlorofluoromethane	3.181	101	62086	21.143	ug/l	96
8) Diethyl Ether	3.593	74	18823	22.828	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	35310	21.019	ug/l	98
10) Methyl Iodide	4.175	142	23865	20.765	ug/l	94
11) Tert butyl alcohol	5.052	59	9028	108.986	ug/l #	90
12) 1,1-Dichloroethene	3.952	96	34615	20.878	ug/l #	80
13) Acrolein	3.793	56	17598	102.355	ug/l	97
14) Allyl chloride	4.564	41	48373	21.213	ug/l #	92
15) Acrylonitrile	5.258	53	39333	111.413	ug/l	98
16) Acetone	4.022	43	48708	122.582	ug/l	90
17) Carbon Disulfide	4.281	76	113339	20.206	ug/l	98
18) Methyl Acetate	4.569	43	27130	21.195	ug/l	89
19) Methyl tert-butyl Ether	5.328	73	78239	22.241	ug/l	94
20) Methylene Chloride	4.805	84	46164	21.192	ug/l #	87
21) trans-1,2-Dichloroethene	5.322	96	41218	21.948	ug/l	98
22) Diisopropyl ether	6.222	45	103857	21.795	ug/l	92
23) Vinyl Acetate	6.158	43	253936	109.123	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	71409	22.128	ug/l	99
25) 2-Butanone	7.081	43	54320	113.374	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	56764	20.951	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	45384	22.459	ug/l	91
28) Bromochloromethane	7.428	49	30039	23.036	ug/l #	75
29) Tetrahydrofuran	7.452	42	28790	111.235	ug/l	87
30) Chloroform	7.599	83	71256	22.063	ug/l	98
31) Cyclohexane	7.881	56	58513	20.240	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	60253	21.162	ug/l	99
36) 1,1-Dichloropropene	8.016	75	55476	20.722	ug/l	93
37) Ethyl Acetate	7.175	43	19996	19.155	ug/l	97
38) Carbon Tetrachloride	7.999	117	54953	20.590	ug/l	92
39) Methylcyclohexane	9.275	83	64417	20.297	ug/l	93
40) Benzene	8.257	78	158456	20.854	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077813.D
 Acq On : 11 Dec 2023 16:07
 Operator : JC/SY
 Sample : VD1212SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 11 17:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	10819	20.391	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	42768	21.714	ug/l	95
43) Isopropyl Acetate	8.363	43	38945	20.987	ug/l	95
44) Trichloroethene	9.034	130	40890	20.650	ug/l	96
45) 1,2-Dichloropropane	9.310	63	40463	21.906	ug/l	96
46) Dibromomethane	9.399	93	21562	22.062	ug/l	94
47) Bromodichloromethane	9.587	83	52779	21.305	ug/l	98
48) Methyl methacrylate	9.381	41	23071	21.871	ug/l #	76
49) 1,4-Dioxane	9.387	88	4424	455.856	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	101560	107.238	ug/l	89
52) Toluene	10.334	92	101127	21.455	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	51389	21.602	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	61210	21.282	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	29321	21.933	ug/l	97
56) Ethyl methacrylate	10.598	69	25270	21.443	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	49866	21.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	70742	105.261	ug/l	95
59) 2-Hexanone	10.922	43	84518	107.568	ug/l	87
60) Dibromochloromethane	11.075	129	35433	22.014	ug/l	95
61) 1,2-Dibromoethane	11.181	107	27620	21.948	ug/l	97
64) Tetrachloroethene	10.810	164	33884	20.455	ug/l	97
65) Chlorobenzene	11.610	112	106726	18.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	38653	20.624	ug/l	94
67) Ethyl Benzene	11.687	91	187054	19.935	ug/l	97
68) m/p-Xylenes	11.793	106	144693	40.315	ug/l	91
69) o-Xylene	12.122	106	67509	20.409	ug/l	94
70) Styrene	12.134	104	102950	20.931	ug/l	94
71) Bromoform	12.298	173	21278	21.729	ug/l #	97
73) Isopropylbenzene	12.422	105	176944	20.000	ug/l	96
74) N-amyl acetate	12.234	43	34849	20.038	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	31756	20.585	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	22474m	22.167	ug/l	
77) Bromobenzene	12.704	156	42502	20.424	ug/l	92
78) n-propylbenzene	12.763	91	214353	19.883	ug/l	97
79) 2-Chlorotoluene	12.851	91	116917	20.236	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	149472	20.256	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10838	21.659	ug/l	98
82) 4-Chlorotoluene	12.945	91	123140	20.387	ug/l	97
83) tert-Butylbenzene	13.169	119	125146	20.089	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	148468	20.116	ug/l	96
85) sec-Butylbenzene	13.345	105	183079	19.882	ug/l	98
86) p-Isopropyltoluene	13.463	119	160799	19.504	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	84696	19.902	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	88323	19.824	ug/l	98
89) n-Butylbenzene	13.787	91	150807	19.440	ug/l	98
90) Hexachloroethane	14.057	117	32337	21.327	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	75946	20.983	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4781	20.823	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	47253	19.114	ug/l	99
94) Hexachlorobutadiene	15.204	225	25570	19.180	ug/l	97
95) Naphthalene	15.334	128	85034	20.702	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	41484	20.354	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077813.D
Acq On : 11 Dec 2023 16:07
Operator : JC/SY
Sample : VD1212SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 11 17:05:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

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

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

