

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077834.D
 Acq On : 12 Dec 2023 11:04
 Operator : JC/SY
 Sample : VD1212SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 12 13:51:54 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)

Internal Standards						
1) Pentafluorobenzene	7.881	168	127494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	203535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74087	49.315	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.620%		
35) Dibromofluoromethane	7.810	113	73751	47.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.680%		
50) Toluene-d8	10.269	98	303930	49.223	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.575	95	87804	47.564	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37304	23.423	ug/l	93
3) Chloromethane	2.152	50	53023	24.425	ug/l	98
4) Vinyl Chloride	2.293	62	72880	24.730	ug/l	99
5) Bromomethane	2.693	94	45646	27.603	ug/l	95
6) Chloroethane	2.840	64	48365	24.072	ug/l	96
7) Trichlorofluoromethane	3.181	101	64973	23.938	ug/l	100
8) Diethyl Ether	3.599	74	18348	24.074	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.975	101	37484	24.140	ug/l	96
10) Methyl Iodide	4.169	142	32104	27.151	ug/l	92
11) Tert butyl alcohol	5.063	59	8798m	115.547	ug/l	
12) 1,1-Dichloroethene	3.946	96	37407	24.409	ug/l	87
13) Acrolein	3.805	56	15104	95.042	ug/l	89
14) Allyl chloride	4.563	41	47584	22.576	ug/l	90
15) Acrylonitrile	5.263	53	37940	116.266	ug/l	96
16) Acetone	4.022	43	53448	152.283	ug/l	91
17) Carbon Disulfide	4.281	76	119897	23.125	ug/l	100
18) Methyl Acetate	4.563	43	27876	23.560	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	77907	23.960	ug/l	100
20) Methylene Chloride	4.810	84	45634	23.037	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	41141	23.701	ug/l	89
22) Diisopropyl ether	6.222	45	106862	24.261	ug/l	95
23) Vinyl Acetate	6.157	43	252036	117.175	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	70869	23.759	ug/l	97
25) 2-Butanone	7.087	43	58680	135.197	ug/l	93
26) 2,2-Dichloropropane	7.081	77	58462	23.344	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	46711	25.009	ug/l	91
28) Bromochloromethane	7.434	49	27584	22.886	ug/l #	75
29) Tetrahydrofuran	7.446	42	27570	115.244	ug/l	85
30) Chloroform	7.599	83	73475	24.613	ug/l	97
31) Cyclohexane	7.887	56	61754	23.110	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	62310	23.677	ug/l	97
36) 1,1-Dichloropropene	8.016	75	55990	22.705	ug/l	95
37) Ethyl Acetate	7.175	43	22709	23.617	ug/l #	93
38) Carbon Tetrachloride	7.999	117	56279	22.892	ug/l	94
39) Methylcyclohexane	9.281	83	68138	23.308	ug/l	97
40) Benzene	8.257	78	167436	23.923	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077834.D
 Acq On : 12 Dec 2023 11:04
 Operator : JC/SY
 Sample : VD1212SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 12 13:51:54 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	7.416	41	13075	26.754	ug/l	87
42) 1,2-Dichloroethane	8.334	62	42376	23.358	ug/l	96
43) Isopropyl Acetate	8.369	43	37837	22.137	ug/l #	80
44) Trichloroethene	9.034	130	41381	22.688	ug/l	90
45) 1,2-Dichloropropane	9.304	63	40306	23.690	ug/l	94
46) Dibromomethane	9.398	93	21653	24.052	ug/l	90
47) Bromodichloromethane	9.587	83	54521	23.894	ug/l #	94
48) Methyl methacrylate	9.381	41	21548	22.177	ug/l #	81
49) 1,4-Dioxane	9.393	88	4224	472.527	ug/l #	76
51) 4-Methyl-2-Pentanone	10.163	43	100241	114.911	ug/l	88
52) Toluene	10.340	92	103995	23.954	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	51450	23.480	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	61833	23.340	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	28317	22.996	ug/l	96
56) Ethyl methacrylate	10.598	69	25522	23.512	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	49795	23.460	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	64282	103.841	ug/l	94
59) 2-Hexanone	10.922	43	88529	122.323	ug/l	86
60) Dibromochloromethane	11.075	129	34952	23.575	ug/l	98
61) 1,2-Dibromoethane	11.181	107	27356	23.600	ug/l	97
64) Tetrachloroethene	10.810	164	35358	23.636	ug/l	96
65) Chlorobenzene	11.610	112	109609	21.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	39271	23.203	ug/l	92
67) Ethyl Benzene	11.687	91	198661	23.444	ug/l	94
68) m/p-Xylenes	11.792	106	149859	46.235	ug/l	89
69) o-Xylene	12.122	106	67931	22.741	ug/l	90
70) Styrene	12.134	104	103643	23.333	ug/l	93
71) Bromoform	12.298	173	20300	22.955	ug/l #	98
73) Isopropylbenzene	12.422	105	187212	23.255	ug/l	96
74) N-amyl acetate	12.234	43	35423	22.385	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	32526	23.172	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	23826m	25.828	ug/l	
77) Bromobenzene	12.704	156	43000	22.709	ug/l	92
78) n-propylbenzene	12.763	91	229189	23.364	ug/l	96
79) 2-Chlorotoluene	12.851	91	123584	23.508	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	153674	22.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10485	23.028	ug/l	95
82) 4-Chlorotoluene	12.945	91	127380	23.178	ug/l	96
83) tert-Butylbenzene	13.169	119	133662	23.581	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	154617	23.024	ug/l	97
85) sec-Butylbenzene	13.345	105	195474	23.330	ug/l	95
86) p-Isopropyltoluene	13.463	119	175072	23.338	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	87421	22.576	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	90131	22.435	ug/l	98
89) n-Butylbenzene	13.786	91	162774	23.060	ug/l	99
90) Hexachloroethane	14.057	117	33349	24.173	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	74891	22.741	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4774	22.948	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	49209	21.876	ug/l	98
94) Hexachlorobutadiene	15.204	225	27334	22.534	ug/l	99
95) Naphthalene	15.333	128	83605	22.369	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	41334	22.289	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077834.D
Acq On : 12 Dec 2023 11:04
Operator : JC/SY
Sample : VD1212SBS02
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS02

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 12 13:51:54 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

