

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078636.D
 Acq On : 12 Mar 2024 11:45
 Operator : RP/MD
 Sample : VD0312SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 03:04:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	127978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65313	51.483	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.960%			
35) Dibromofluoromethane	7.804	113	73365	51.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.880%			
50) Toluene-d8	10.269	98	278143	50.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.575	95	81432	51.444	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21293	18.685	ug/l	99
3) Chloromethane	2.152	50	32133	14.474	ug/l	97
4) Vinyl Chloride	2.287	62	48908	15.547	ug/l	100
5) Bromomethane	2.693	94	46963	18.692	ug/l	99
6) Chloroethane	2.840	64	41036	17.600	ug/l	98
7) Trichlorofluoromethane	3.181	101	40235	18.915	ug/l	99
8) Diethyl Ether	3.599	74	11147	18.663	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.963	101	25806	19.249	ug/l	96
10) Methyl Iodide	4.163	142	29003	20.674	ug/l	92
11) Tert butyl alcohol	5.052	59	5658	92.322	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	22750	18.178	ug/l	92
13) Acrolein	3.799	56	11032	87.684	ug/l	89
14) Allyl chloride	4.563	41	26259	18.421	ug/l	91
15) Acrylonitrile	5.257	53	24072	97.756	ug/l	97
16) Acetone	4.028	43	24409	100.429	ug/l	87
17) Carbon Disulfide	4.275	76	63663	15.268	ug/l #	90
18) Methyl Acetate	4.569	43	8739	18.996	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	51158	20.104	ug/l	98
20) Methylene Chloride	4.810	84	35779	13.764	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	27102	18.023	ug/l	92
22) Diisopropyl ether	6.216	45	64819	20.281	ug/l	93
23) Vinyl Acetate	6.152	43	189631	99.903	ug/l #	92
24) 1,1-Dichloroethane	6.122	63	45527	18.856	ug/l	95
25) 2-Butanone	7.087	43	32363	105.560	ug/l	89
26) 2,2-Dichloropropane	7.081	77	39881	19.552	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	31568	19.172	ug/l	96
28) Bromochloromethane	7.434	49	21169	23.468	ug/l	90
29) Tetrahydrofuran	7.451	42	16318	95.803	ug/l	92
30) Chloroform	7.599	83	51046	19.580	ug/l	100
31) Cyclohexane	7.881	56	33076	16.658	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	42227	18.881	ug/l	99
36) 1,1-Dichloropropene	8.010	75	35394	17.934	ug/l	96
37) Ethyl Acetate	7.175	43	12091	18.908	ug/l	97
38) Carbon Tetrachloride	7.987	117	37516	18.174	ug/l #	94
39) Methylcyclohexane	9.275	83	38113	16.454	ug/l	97
40) Benzene	8.251	78	108674	18.577	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078636.D
 Acq On : 12 Mar 2024 11:45
 Operator : RP/MD
 Sample : VD0312SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 03:04:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	7138m	20.826	ug/l	
42) 1,2-Dichloroethane	8.328	62	30159	20.322	ug/l	98
43) Isopropyl Acetate	8.363	43	22827	18.619	ug/l #	81
44) Trichloroethene	9.028	130	30040	18.713	ug/l	86
45) 1,2-Dichloropropane	9.304	63	27365	19.473	ug/l	97
46) Dibromomethane	9.398	93	15660	19.331	ug/l	98
47) Bromodichloromethane	9.587	83	39710	19.880	ug/l	97
48) Methyl methacrylate	9.381	41	10698	19.263	ug/l	84
49) 1,4-Dioxane	9.387	88	3019	390.682	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	61140	96.619	ug/l	93
52) Toluene	10.334	92	71980	19.176	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35104	18.997	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	42886	19.383	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	22390	19.628	ug/l	92
56) Ethyl methacrylate	10.598	69	21140	18.490	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	35511	19.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	51693	112.817	ug/l	99
59) 2-Hexanone	10.922	43	46550	99.178	ug/l	93
60) Dibromochloromethane	11.075	129	27757	20.152	ug/l	98
61) 1,2-Dibromoethane	11.181	107	21122	20.176	ug/l	97
64) Tetrachloroethene	10.810	164	23567	17.916	ug/l	95
65) Chlorobenzene	11.610	112	79365	19.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29094	18.983	ug/l	97
67) Ethyl Benzene	11.681	91	129711	18.184	ug/l	100
68) m/p-Xylenes	11.792	106	103644	35.914	ug/l	94
69) o-Xylene	12.122	106	48066	18.360	ug/l	96
70) Styrene	12.134	104	84614	18.646	ug/l	98
71) Bromoform	12.298	173	15543	19.063	ug/l #	97
73) Isopropylbenzene	12.422	105	122680	18.125	ug/l	96
74) N-amyl acetate	12.234	43	21829	19.161	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	24477	18.877	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	14979m	18.368	ug/l	
77) Bromobenzene	12.704	156	31382	19.171	ug/l	95
78) n-propylbenzene	12.763	91	153534	18.545	ug/l	98
79) 2-Chlorotoluene	12.845	91	84147	18.940	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	104620	18.995	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	7957	20.885	ug/l	97
82) 4-Chlorotoluene	12.945	91	90715	19.159	ug/l	95
83) tert-Butylbenzene	13.163	119	90605	19.105	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	103606	18.404	ug/l	98
85) sec-Butylbenzene	13.345	105	133925	18.102	ug/l	97
86) p-Isopropyltoluene	13.463	119	114684	18.414	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	66368	18.975	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	65728	18.757	ug/l	98
89) n-Butylbenzene	13.786	91	103934	17.857	ug/l	96
90) Hexachloroethane	14.051	117	24422	19.285	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	57641	19.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3293	19.053	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	32555	18.504	ug/l	99
94) Hexachlorobutadiene	15.204	225	17340	17.913	ug/l	94
95) Naphthalene	15.328	128	54061	17.390	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	29587	18.936	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
Data File : VD078636.D
Acq On : 12 Mar 2024 11:45
Operator : RP/MD
Sample : VD0312SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 03:04:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
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\VD031224\
Data File : VD078636.D
Acq On : 12 Mar 2024 11:45
Operator : RP/MD
Sample : VD0312SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 03:04:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

