

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078692.D
 Acq On : 18 Mar 2024 12:54
 Operator : RP/MD
 Sample : VD0318SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 01:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59943	54.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.880%			
35) Dibromofluoromethane	7.805	113	70080	54.344	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.269	98	262067	55.258	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.520%			
62) 4-Bromofluorobenzene	12.575	95	72193	52.032	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	19597	18.085	ug/l	98
3) Chloromethane	2.152	50	29459	17.218	ug/l	93
4) Vinyl Chloride	2.287	62	45834	18.159	ug/l	92
5) Bromomethane	2.687	94	43050	17.814	ug/l	97
6) Chloroethane	2.834	64	36560	18.574	ug/l	93
7) Trichlorofluoromethane	3.181	101	36864	18.462	ug/l	99
8) Diethyl Ether	3.593	74	10082	17.293	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	23513	18.763	ug/l	98
10) Methyl Iodide	4.164	142	25253	17.036	ug/l	96
11) Tert butyl alcohol	5.064	59	4598m	94.161	ug/l	
12) 1,1-Dichloroethene	3.946	96	21936	18.414	ug/l	96
13) Acrolein	3.799	56	9682	126.573	ug/l	97
14) Allyl chloride	4.558	41	23366	17.578	ug/l	95
15) Acrylonitrile	5.258	53	22088	93.984	ug/l	99
16) Acetone	4.022	43	20012	94.845	ug/l	94
17) Carbon Disulfide	4.275	76	65477	16.766	ug/l	97
18) Methyl Acetate	4.558	43	8279	18.283	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	43001	17.899	ug/l	95
20) Methylene Chloride	4.811	84	31227	18.654	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	24897	17.712	ug/l	94
22) Diisopropyl ether	6.222	45	56053	18.547	ug/l	91
23) Vinyl Acetate	6.158	43	157411	89.045	ug/l	97
24) 1,1-Dichloroethane	6.116	63	42494	18.754	ug/l	95
25) 2-Butanone	7.087	43	24990	89.084	ug/l	89
26) 2,2-Dichloropropane	7.081	77	33976	17.723	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	28060	17.502	ug/l	96
28) Bromochloromethane	7.428	49	17855	22.103	ug/l	98
29) Tetrahydrofuran	7.446	42	13433	88.040	ug/l	97
30) Chloroform	7.593	83	45500	18.010	ug/l	93
31) Cyclohexane	7.875	56	30003	16.359	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	38966	18.179	ug/l	98
36) 1,1-Dichloropropene	8.010	75	31931	17.066	ug/l	99
37) Ethyl Acetate	7.169	43	11271m	18.439	ug/l	
38) Carbon Tetrachloride	7.987	117	34161	17.318	ug/l #	92
39) Methylcyclohexane	9.275	83	35586	16.395	ug/l	97
40) Benzene	8.252	78	97547	17.247	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078692.D
 Acq On : 18 Mar 2024 12:54
 Operator : RP/MD
 Sample : VD0318SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 01:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6298	19.662	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	25401	18.416	ug/l	99
43) Isopropyl Acetate	8.363	43	19355	17.412	ug/l	93
44) Trichloroethene	9.034	130	27136	17.679	ug/l	89
45) 1,2-Dichloropropane	9.310	63	24382	18.172	ug/l	93
46) Dibromomethane	9.393	93	13797	17.154	ug/l	97
47) Bromodichloromethane	9.581	83	36304	18.961	ug/l	87
48) Methyl methacrylate	9.381	41	9090	16.782	ug/l	96
49) 1,4-Dioxane	9.381	88	2373	318.660	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	50860	87.517	ug/l	98
52) Toluene	10.334	92	62389	17.133	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	30349	17.336	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	37452	17.796	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	19674	18.267	ug/l	94
56) Ethyl methacrylate	10.599	69	18161	16.820	ug/l	98
57) 1,3-Dichloropropane	10.881	76	31283	18.001	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	45045	94.615	ug/l	98
59) 2-Hexanone	10.922	43	37995	88.195	ug/l	94
60) Dibromochloromethane	11.075	129	23802	17.920	ug/l	97
61) 1,2-Dibromoethane	11.175	107	18029	17.297	ug/l	95
64) Tetrachloroethene	10.810	164	22516	18.427	ug/l	93
65) Chlorobenzene	11.604	112	70227	18.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	26198	18.540	ug/l	97
67) Ethyl Benzene	11.681	91	114146	17.361	ug/l	98
68) m/p-Xylenes	11.793	106	91421	34.241	ug/l	98
69) o-Xylene	12.122	106	40836	16.531	ug/l	97
70) Styrene	12.134	104	73073	17.624	ug/l	99
71) Bromoform	12.298	173	13266	17.372	ug/l #	93
73) Isopropylbenzene	12.422	105	108094	17.943	ug/l	97
74) N-amyl acetate	12.234	43	17183	17.568	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	21142	18.958	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	14518m	20.595	ug/l	
77) Bromobenzene	12.698	156	28248	18.908	ug/l	99
78) n-propylbenzene	12.763	91	135950	18.540	ug/l	100
79) 2-Chlorotoluene	12.851	91	75417	18.748	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	92137	18.495	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	6246	18.573	ug/l	90
82) 4-Chlorotoluene	12.945	91	78780	18.515	ug/l	100
83) tert-Butylbenzene	13.169	119	76816	17.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	89734	17.874	ug/l	97
85) sec-Butylbenzene	13.345	105	117478	18.072	ug/l	98
86) p-Isopropyltoluene	13.463	119	99569	17.892	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	57870	18.356	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	57613	18.543	ug/l	100
89) n-Butylbenzene	13.787	91	90706	18.048	ug/l	99
90) Hexachloroethane	14.057	117	20661	17.943	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	48565	17.886	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3050	20.445	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	27805	17.546	ug/l	93
94) Hexachlorobutadiene	15.204	225	14922	17.393	ug/l	96
95) Naphthalene	15.334	128	43472	15.778	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.522	180	23966	17.481	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
Data File : VD078692.D
Acq On : 18 Mar 2024 12:54
Operator : RP/MD
Sample : VD0318SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 01:25:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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

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

