

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073426.D
 Acq On : 31 May 2022 15:42
 Operator : VA/SY
 Sample : VD0531SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0531SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

Quant Time: May 31 17:48:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	357914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	600407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	561860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	201898	51.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.080%
35) Dibromofluoromethane	7.908	113	211853	53.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.332	98	767542	52.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.620	95	288087	56.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	67259	18.806	ug/l	99
3) Chloromethane	2.209	50	63761	15.767	ug/l	100
4) Vinyl Chloride	2.344	62	62983	17.032	ug/l	97
5) Bromomethane	2.744	94	43895	15.752	ug/l	87
6) Chloroethane	2.903	64	40747	17.924	ug/l	98
7) Trichlorofluoromethane	3.256	101	126536	19.352	ug/l	96
8) Diethyl Ether	3.708	74	37465	20.851	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.073	101	76969	19.728	ug/l	95
10) Methyl Iodide	4.291	142	68575	16.292	ug/l	96
11) Tert butyl alcohol	5.185	59	51435m	83.813	ug/l	
12) 1,1-Dichloroethene	4.056	96	66793	18.569	ug/l	92
13) Acrolein	3.914	56	24160	88.202	ug/l	95
14) Allyl chloride	4.703	41	112656	19.403	ug/l	89
15) Acrylonitrile	5.408	53	88041	107.157	ug/l	100
16) Acetone	4.156	43	67699	98.813	ug/l	# 89
17) Carbon Disulfide	4.397	76	189691	15.908	ug/l	99
18) Methyl Acetate	4.714	43	46231	24.267	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	175470	21.414	ug/l	98
20) Methylene Chloride	4.950	84	111858	23.635	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	82631	19.000	ug/l	89
22) Diisopropyl ether	6.355	45	251578	20.670	ug/l	# 92
23) Vinyl Acetate	6.297	43	647920	99.801	ug/l	95
24) 1,1-Dichloroethane	6.250	63	147394	18.867	ug/l	97
25) 2-Butanone	7.208	43	108113	107.858	ug/l	99
26) 2,2-Dichloropropane	7.202	77	126544	18.993	ug/l	94
27) cis-1,2-Dichloroethene	7.202	96	93011	19.328	ug/l	91
28) Bromochloromethane	7.538	49	49376	18.345	ug/l	# 78
29) Tetrahydrofuran	7.561	42	69774	107.652	ug/l	88
30) Chloroform	7.702	83	161374	19.786	ug/l	99
31) Cyclohexane	7.979	56	128281	18.559	ug/l	# 91
32) 1,1,1-Trichloroethane	7.897	97	136473	19.131	ug/l	96
36) 1,1-Dichloropropene	8.108	75	115640	19.407	ug/l	97
37) Ethyl Acetate	7.285	43	51699	21.966	ug/l	# 93
38) Carbon Tetrachloride	8.091	117	121034	20.038	ug/l	99
39) Methylcyclohexane	9.349	83	132204	19.908	ug/l	98
40) Benzene	8.344	78	338995	19.740	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073426.D
 Acq On : 31 May 2022 15:42
 Operator : VA/SY
 Sample : VD0531SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0531SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

Quant Time: May 31 17:48:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	24854	18.125	ug/l #	78
42) 1,2-Dichloroethane	8.414	62	97636	20.433	ug/l	96
43) Isopropyl Acetate	8.444	43	96549	22.193	ug/l	93
44) Trichloroethene	9.102	130	92706	20.244	ug/l	98
45) 1,2-Dichloropropane	9.379	63	88128	20.378	ug/l	93
46) Dibromomethane	9.467	93	47347	19.934	ug/l	95
47) Bromodichloromethane	9.655	83	121309	19.960	ug/l	99
48) Methyl methacrylate	9.449	41	47419	21.665	ug/l	91
49) 1,4-Dioxane	9.455	88	12370	504.298	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	255363	113.018	ug/l	92
52) Toluene	10.396	92	220444	20.314	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	115874	21.104	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	135470	20.618	ug/l #	89
55) 1,1,2-Trichloroethane	10.790	97	69272	21.567	ug/l	97
56) Ethyl methacrylate	10.649	69	79171	22.169	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	113388	21.039	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	186326	121.941	ug/l	93
59) 2-Hexanone	10.973	43	169154	113.553	ug/l	92
60) Dibromochloromethane	11.126	129	85860	21.438	ug/l	96
61) 1,2-Dibromoethane	11.238	107	65094	21.209	ug/l	96
64) Tetrachloroethene	10.867	164	73707	20.029	ug/l	89
65) Chlorobenzene	11.655	112	239269	20.758	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	90327	21.130	ug/l	98
67) Ethyl Benzene	11.732	91	413519	20.437	ug/l	100
68) m/p-Xylenes	11.843	106	323114	41.102	ug/l	100
69) o-Xylene	12.173	106	151675	21.002	ug/l	94
70) Styrene	12.185	104	266636	21.460	ug/l	96
71) Bromoform	12.349	173	49303	22.409	ug/l #	98
73) Isopropylbenzene	12.467	105	399980	19.777	ug/l	98
74) N-amyl acetate	12.279	43	92712	21.014	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	79016	21.184	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	65579m	23.560	ug/l	
77) Bromobenzene	12.749	156	97601	20.501	ug/l	92
78) n-propylbenzene	12.808	91	497754	19.605	ug/l	98
79) 2-Chlorotoluene	12.896	91	296462	20.223	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	350857	20.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	25702	22.167	ug/l	86
82) 4-Chlorotoluene	12.990	91	309851	20.165	ug/l	98
83) tert-Butylbenzene	13.208	119	287955	19.943	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	346600	20.479	ug/l	99
85) sec-Butylbenzene	13.384	105	441454	20.024	ug/l	98
86) p-Isopropyltoluene	13.502	119	371460	20.669	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	200653	20.910	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	199079	20.552	ug/l	99
89) n-Butylbenzene	13.826	91	344826	20.138	ug/l	99
90) Hexachloroethane	14.096	117	76030	20.446	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	172996	20.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11931	20.888	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	103327	21.920	ug/l	99
94) Hexachlorobutadiene	15.249	225	57148	21.515	ug/l	98
95) Naphthalene	15.378	128	185750	22.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	89306	21.371	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
Data File : VD073426.D
Acq On : 31 May 2022 15:42
Operator : VA/SY
Sample : VD0531SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0531SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

Quant Time: May 31 17:48:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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

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

