

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072988.D
 Acq On : 13 May 2022 14:32
 Operator : VA/SY
 Sample : VD0513SBS01
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

Quant Time: May 13 14:44:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	296323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	462120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	230510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179825	46.750	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.500%			
35) Dibromofluoromethane	7.908	113	186393	54.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.980%			
50) Toluene-d8	10.332	98	674403	55.462	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.920%			
62) 4-Bromofluorobenzene	12.620	95	246816	54.436	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	78750	19.232	ug/l	99
3) Chloromethane	2.209	50	69450	16.309	ug/l	97
4) Vinyl Chloride	2.344	62	68690	17.976	ug/l	94
5) Bromomethane	2.750	94	49142	19.980	ug/l	98
6) Chloroethane	2.909	64	41480	17.417	ug/l	98
7) Trichlorofluoromethane	3.267	101	136109	20.342	ug/l	95
8) Diethyl Ether	3.709	74	34082	17.767	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	80020	20.143	ug/l	94
10) Methyl Iodide	4.291	142	62973	15.796	ug/l	99
11) Tert butyl alcohol	5.185	59	52921	159.016	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	66011	18.474	ug/l	91
13) Acrolein	3.926	56	17907	65.012	ug/l	98
14) Allyl chloride	4.714	41	106536	18.468	ug/l	93
15) Acrylonitrile	5.420	53	80774	88.601	ug/l	95
16) Acetone	4.150	43	61450	75.628	ug/l	92
17) Carbon Disulfide	4.403	76	195704	17.419	ug/l	96
18) Methyl Acetate	4.714	43	42025	19.930	ug/l #	80
19) Methyl tert-butyl Ether	5.473	73	152545	17.809	ug/l	94
20) Methylene Chloride	4.956	84	107803	19.606	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	80833	19.726	ug/l	87
22) Diisopropyl ether	6.361	45	235937	18.592	ug/l	90
23) Vinyl Acetate	6.303	43	585088	83.463	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	145589	19.096	ug/l	97
25) 2-Butanone	7.214	43	92233	82.296	ug/l	94
26) 2,2-Dichloropropane	7.203	77	127787	19.826	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	88247	18.802	ug/l	92
28) Bromochloromethane	7.538	49	49448	17.392	ug/l #	83
29) Tetrahydrofuran	7.561	42	60020	84.018	ug/l	92
30) Chloroform	7.702	83	155482	19.273	ug/l	96
31) Cyclohexane	7.979	56	124969	18.585	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	140530	20.439	ug/l	94
36) 1,1-Dichloropropene	8.108	75	115776	21.004	ug/l	98
37) Ethyl Acetate	7.291	43	45893	18.112	ug/l #	95
38) Carbon Tetrachloride	8.091	117	122303	21.375	ug/l	94
39) Methylcyclohexane	9.349	83	125463	19.623	ug/l	95
40) Benzene	8.344	78	327845	20.596	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072988.D
 Acq On : 13 May 2022 14:32
 Operator : VA/SY
 Sample : VD0513SBS01
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 14:44:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28247	18.722	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	93317	19.454	ug/l	98
43) Isopropyl Acetate	8.444	43	84764	18.124	ug/l	92
44) Trichloroethene	9.108	130	88449	20.770	ug/l	89
45) 1,2-Dichloropropane	9.379	63	83308	19.929	ug/l	95
46) Dibromomethane	9.473	93	45159	19.584	ug/l	96
47) Bromodichloromethane	9.655	83	118808	20.028	ug/l	99
48) Methyl methacrylate	9.449	41	41028	17.932	ug/l	91
49) 1,4-Dioxane	9.455	88	9933	382.523	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	224966	92.569	ug/l	95
52) Toluene	10.396	92	207332	20.880	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	104521	19.182	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	127128	20.082	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	61021	19.575	ug/l	97
56) Ethyl methacrylate	10.655	69	66671	18.165	ug/l	91
57) 1,3-Dichloropropane	10.938	76	104300	19.497	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	151099	84.909	ug/l	99
59) 2-Hexanone	10.973	43	146798	89.769	ug/l	96
60) Dibromochloromethane	11.132	129	81117	20.671	ug/l	98
61) 1,2-Dibromoethane	11.238	107	59102	19.479	ug/l	98
64) Tetrachloroethene	10.867	164	73905	21.874	ug/l	98
65) Chlorobenzene	11.661	112	222222	20.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	84785	21.107	ug/l	99
67) Ethyl Benzene	11.738	91	390203	21.095	ug/l	96
68) m/p-Xylenes	11.843	106	311622	43.734	ug/l	98
69) o-Xylene	12.173	106	140731	21.148	ug/l	95
70) Styrene	12.185	104	248408	21.545	ug/l	97
71) Bromoform	12.349	173	43778	20.109	ug/l #	97
73) Isopropylbenzene	12.467	105	384262	21.426	ug/l	99
74) N-amyl acetate	12.279	43	82965	18.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	72320	19.976	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	59285m	23.065	ug/l	
77) Bromobenzene	12.743	156	88246	20.721	ug/l	94
78) n-propylbenzene	12.808	91	487972	21.588	ug/l	99
79) 2-Chlorotoluene	12.896	91	276579	20.947	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	329760	21.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21299	19.055	ug/l	89
82) 4-Chlorotoluene	12.990	91	295281	21.404	ug/l	100
83) tert-Butylbenzene	13.208	119	264377	20.449	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	331289	21.795	ug/l	99
85) sec-Butylbenzene	13.385	105	433406	22.226	ug/l	100
86) p-Isopropyltoluene	13.502	119	346615	21.680	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	185969	21.677	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	180046	21.074	ug/l	98
89) n-Butylbenzene	13.826	91	336047	21.698	ug/l	98
90) Hexachloroethane	14.090	117	70735	21.597	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	154401	20.650	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11138	19.408	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	89793	20.278	ug/l	97
94) Hexachlorobutadiene	15.249	225	52881	21.867	ug/l	98
95) Naphthalene	15.379	128	147177	18.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	77371	19.711	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
Data File : VD072988.D
Acq On : 13 May 2022 14:32
Operator : VA/SY
Sample : VD0513SBS01
Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 14:44:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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

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

