

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073062.D
 Acq On : 17 May 2022 17:39
 Operator : VA/SY
 Sample : VD0517SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01

Quant Time: May 18 03:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	338649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	587626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201854	47.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.320%		
35) Dibromofluoromethane	7.903	113	205293	49.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.520%		
50) Toluene-d8	10.332	98	760367	50.801	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.620	95	265834	49.036	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74969	17.704	ug/l	96
3) Chloromethane	2.209	50	81558	18.682	ug/l	98
4) Vinyl Chloride	2.344	62	70362	17.525	ug/l	95
5) Bromomethane	2.750	94	52509	18.413	ug/l	98
6) Chloroethane	2.909	64	45541	18.215	ug/l	92
7) Trichlorofluoromethane	3.268	101	126230	17.180	ug/l	98
8) Diethyl Ether	3.709	74	35674	17.744	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	72404	16.641	ug/l	97
10) Methyl Iodide	4.297	142	73059	17.473	ug/l	99
11) Tert butyl alcohol	5.197	59	37844	57.772	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	68437	17.394	ug/l	94
13) Acrolein	3.920	56	32498	90.097	ug/l	100
14) Allyl chloride	4.714	41	112808	18.097	ug/l	90
15) Acrylonitrile	5.420	53	83214	86.360	ug/l	98
16) Acetone	4.156	43	59528	77.673	ug/l #	82
17) Carbon Disulfide	4.403	76	234973	17.831	ug/l	98
18) Methyl Acetate	4.720	43	39360	17.971	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	160719	17.467	ug/l	96
20) Methylene Chloride	4.962	84	101991	18.336	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	83876	17.922	ug/l	84
22) Diisopropyl ether	6.356	45	244489	18.273	ug/l	96
23) Vinyl Acetate	6.303	43	649611	89.873	ug/l	95
24) 1,1-Dichloroethane	6.261	63	151227	18.168	ug/l	97
25) 2-Butanone	7.208	43	95186	82.020	ug/l	99
26) 2,2-Dichloropropane	7.197	77	122095	17.325	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	94190	18.250	ug/l	90
28) Bromochloromethane	7.538	49	49429	17.335	ug/l #	83
29) Tetrahydrofuran	7.556	42	64414	86.258	ug/l	92
30) Chloroform	7.703	83	159877	17.951	ug/l	97
31) Cyclohexane	7.979	56	129755	17.009	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	134113	17.576	ug/l	96
36) 1,1-Dichloropropene	8.108	75	116379	17.312	ug/l	97
37) Ethyl Acetate	7.285	43	50216	17.786	ug/l	98
38) Carbon Tetrachloride	8.091	117	118481	17.227	ug/l	95
39) Methylcyclohexane	9.350	83	123075	15.700	ug/l	97
40) Benzene	8.344	78	337388	17.552	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073062.D
 Acq On : 17 May 2022 17:39
 Operator : VA/SY
 Sample : VD0517SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 03:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22566	14.174	ug/l #	73
42) 1,2-Dichloroethane	8.414	62	97016	17.340	ug/l	97
43) Isopropyl Acetate	8.444	43	89486	17.048	ug/l #	92
44) Trichloroethene	9.102	130	88016	16.928	ug/l	87
45) 1,2-Dichloropropane	9.379	63	82824	16.592	ug/l	92
46) Dibromomethane	9.467	93	44953	16.286	ug/l	93
47) Bromodichloromethane	9.655	83	120472	17.184	ug/l	99
48) Methyl methacrylate	9.450	41	38861	14.926	ug/l #	75
49) 1,4-Dioxane	9.455	88	10119	352.120	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	237087	86.551	ug/l	95
52) Toluene	10.397	92	219363	17.975	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	109482	17.123	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	131117	17.393	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	65270	17.324	ug/l	96
56) Ethyl methacrylate	10.655	69	73953	17.356	ug/l	88
57) 1,3-Dichloropropane	10.938	76	110482	17.234	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	148653	82.378	ug/l	96
59) 2-Hexanone	10.973	43	152969	84.534	ug/l	95
60) Dibromochloromethane	11.132	129	81584	17.430	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61513	16.967	ug/l	97
64) Tetrachloroethene	10.867	164	73050	17.809	ug/l	98
65) Chlorobenzene	11.661	112	231111	18.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	84166	17.356	ug/l	97
67) Ethyl Benzene	11.732	91	396787	17.951	ug/l	99
68) m/p-Xylenes	11.844	106	314563	36.719	ug/l	100
69) o-Xylene	12.173	106	142812	18.077	ug/l	97
70) Styrene	12.185	104	251584	18.232	ug/l	98
71) Bromoform	12.349	173	46404	18.174	ug/l #	99
73) Isopropylbenzene	12.467	105	375638	18.198	ug/l	99
74) N-amyl acetate	12.279	43	87066	18.049	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	72709	17.867	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	60765m	19.505	ug/l	
77) Bromobenzene	12.749	156	92502	18.781	ug/l	92
78) n-propylbenzene	12.808	91	482067	18.597	ug/l	98
79) 2-Chlorotoluene	12.896	91	272742	18.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	324363	18.445	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22997	17.912	ug/l	90
82) 4-Chlorotoluene	12.991	91	296715	18.565	ug/l	99
83) tert-Butylbenzene	13.208	119	270312	18.147	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	324362	18.540	ug/l	100
85) sec-Butylbenzene	13.385	105	409907	18.129	ug/l	99
86) p-Isopropyltoluene	13.502	119	342077	18.600	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	183513	18.128	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	184561	18.450	ug/l	99
89) n-Butylbenzene	13.826	91	316843	17.716	ug/l	99
90) Hexachloroethane	14.096	117	69832	18.274	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	160995	18.337	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11046	17.463	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	92015	18.368	ug/l	97
94) Hexachlorobutadiene	15.249	225	47163	16.867	ug/l	97
95) Naphthalene	15.379	128	156502	17.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	77971	17.531	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
Data File : VD073062.D
Acq On : 17 May 2022 17:39
Operator : VA/SY
Sample : VD0517SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 18 03:21:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Tue May 17 13:03:08 2022
Response via : Initial Calibration

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

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

