

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072284.D
 Acq On : 18 Mar 2022 12:28
 Operator : VA/SY
 Sample : VD0318SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 05:21:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	342077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	540693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204023	53.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.040%			
35) Dibromofluoromethane	7.909	113	200155	52.605	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.332	98	741214	53.276	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.626	95	278965	51.605	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	59350	18.758	ug/l	99
3) Chloromethane	2.209	50	52659	18.730	ug/l	98
4) Vinyl Chloride	2.344	62	51536	18.990	ug/l	97
5) Bromomethane	2.750	94	36694	20.764	ug/l	99
6) Chloroethane	2.909	64	35577	19.827	ug/l	95
7) Trichlorofluoromethane	3.268	101	116122	18.947	ug/l	94
8) Diethyl Ether	3.703	74	32600	19.259	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	75567	19.337	ug/l	95
10) Methyl Iodide	4.291	142	41536	13.562	ug/l	99
11) Tert butyl alcohol	5.215	59	24819m	112.283	ug/l	
12) 1,1-Dichloroethene	4.056	96	56546	17.986	ug/l	84
13) Acrolein	3.926	56	18858	95.611	ug/l	94
14) Allyl chloride	4.715	41	102646	18.673	ug/l	94
15) Acrylonitrile	5.415	53	93313	109.254	ug/l	98
16) Acetone	4.150	43	87789	106.062	ug/l	94
17) Carbon Disulfide	4.403	76	91943	13.663	ug/l	99
18) Methyl Acetate	4.721	43	52563	25.913	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	168594	19.730	ug/l	98
20) Methylene Chloride	4.950	84	101574	21.077	ug/l #	82
21) trans-1,2-Dichloroethene	5.468	96	62482	17.968	ug/l	95
22) Diisopropyl ether	6.362	45	263689	21.031	ug/l	93
23) Vinyl Acetate	6.303	43	610947	95.479	ug/l	98
24) 1,1-Dichloroethane	6.262	63	149174	20.174	ug/l	97
25) 2-Butanone	7.209	43	119893	108.637	ug/l	100
26) 2,2-Dichloropropane	7.203	77	125063	18.745	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	86475	19.478	ug/l	95
28) Bromochloromethane	7.538	49	62731	21.073	ug/l	88
29) Tetrahydrofuran	7.562	42	70405	108.493	ug/l	96
30) Chloroform	7.703	83	165096	20.958	ug/l	92
31) Cyclohexane	7.985	56	103547	17.385	ug/l #	83
32) 1,1,1-Trichloroethane	7.903	97	139286	19.908	ug/l	96
36) 1,1-Dichloropropene	8.109	75	98166	18.391	ug/l	99
37) Ethyl Acetate	7.291	43	51476	22.016	ug/l #	94
38) Carbon Tetrachloride	8.097	117	117336	19.338	ug/l	97
39) Methylcyclohexane	9.350	83	101933	16.970	ug/l	98
40) Benzene	8.344	78	297415	19.531	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072284.D
 Acq On : 18 Mar 2022 12:28
 Operator : VA/SY
 Sample : VD0318SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Quant Time: Mar 19 05:21:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31303	22.969	ug/l	90
42) 1,2-Dichloroethane	8.420	62	97452	21.096	ug/l	99
43) Isopropyl Acetate	8.444	43	95584	21.062	ug/l	94
44) Trichloroethene	9.109	130	83204	19.463	ug/l	96
45) 1,2-Dichloropropane	9.385	63	87241	20.889	ug/l	97
46) Dibromomethane	9.467	93	43466	21.158	ug/l	95
47) Bromodichloromethane	9.656	83	131803	22.008	ug/l	91
48) Methyl methacrylate	9.450	41	47844	22.079	ug/l	96
49) 1,4-Dioxane	9.456	88	9780	396.992	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	269458	113.046	ug/l	98
52) Toluene	10.397	92	196256	19.586	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	110966	20.280	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	128074	20.247	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	68229	21.802	ug/l	97
56) Ethyl methacrylate	10.656	69	74997	20.460	ug/l	91
57) 1,3-Dichloropropane	10.938	76	111710	21.269	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	157415	95.511	ug/l	100
59) 2-Hexanone	10.979	43	185023	112.388	ug/l	97
60) Dibromochloromethane	11.132	129	87948	21.657	ug/l	98
61) 1,2-Dibromoethane	11.238	107	59429	21.015	ug/l	99
64) Tetrachloroethene	10.873	164	68166	19.023	ug/l	94
65) Chlorobenzene	11.661	112	226943	20.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	93123	20.886	ug/l	99
67) Ethyl Benzene	11.738	91	395589	19.644	ug/l	99
68) m/p-Xylenes	11.844	106	307199	40.175	ug/l	99
69) o-Xylene	12.173	106	144937	19.816	ug/l	96
70) Styrene	12.185	104	259576	20.324	ug/l	99
71) Bromoform	12.350	173	51186	21.492	ug/l #	95
73) Isopropylbenzene	12.467	105	409225	19.271	ug/l	100
74) N-amyl acetate	12.279	43	99039	21.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	81746	21.524	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	63512m	21.486	ug/l	
77) Bromobenzene	12.749	156	97390	20.376	ug/l	93
78) n-propylbenzene	12.808	91	516870	20.039	ug/l	100
79) 2-Chlorotoluene	12.897	91	299426	20.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	369584	20.259	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22889	19.212	ug/l	96
82) 4-Chlorotoluene	12.997	91	314235	20.348	ug/l	100
83) tert-Butylbenzene	13.214	119	311627	19.484	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	368039	20.475	ug/l	100
85) sec-Butylbenzene	13.391	105	480915	20.022	ug/l	99
86) p-Isopropyltoluene	13.502	119	400084	20.242	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	205877	20.553	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	202837	20.420	ug/l	98
89) n-Butylbenzene	13.832	91	381337	20.242	ug/l	99
90) Hexachloroethane	14.097	117	78263	20.203	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	181403	20.771	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	11905	19.642	ug/l	84
93) 1,2,4-Trichlorobenzene	15.144	180	114761	19.848	ug/l	99
94) Hexachlorobutadiene	15.249	225	67558	20.086	ug/l	98
95) Naphthalene	15.385	128	194508	19.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	99472	19.875	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072284.D
 Acq On : 18 Mar 2022 12:28
 Operator : VA/SY
 Sample : VD0318SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 05:21:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

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

