

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071794.D
 Acq On : 27 Jan 2022 11:45
 Operator : VA/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 15:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	397403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	610403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	276475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	274886	54.726	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.460%			
35) Dibromofluoromethane	7.914	113	247871	55.771	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.540%			
50) Toluene-d8	10.338	98	944108	56.880	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.760%			
62) 4-Bromofluorobenzene	12.626	95	313828	54.142	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	113753	24.138	ug/l	97
3) Chloromethane	2.214	50	128102	22.705	ug/l	99
4) Vinyl Chloride	2.356	62	130513	22.095	ug/l	100
5) Bromomethane	2.773	94	90668	23.264	ug/l	98
6) Chloroethane	2.932	64	81103	21.666	ug/l	95
7) Trichlorofluoromethane	3.285	101	187070	22.098	ug/l	96
8) Diethyl Ether	3.714	74	45642	20.434	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.108	101	104798	21.943	ug/l	99
10) Methyl Iodide	4.308	142	94055	19.210	ug/l	98
11) Tert butyl alcohol	5.203	59	32921m	82.110	ug/l	
12) 1,1-Dichloroethene	4.073	96	94432	21.629	ug/l	97
13) Acrolein	3.932	56	42121	94.412	ug/l	99
14) Allyl chloride	4.726	41	178023	21.391	ug/l	98
15) Acrylonitrile	5.420	53	108103	95.225	ug/l	99
16) Acetone	4.161	43	118898	86.472	ug/l	96
17) Carbon Disulfide	4.420	76	333695	21.919	ug/l	99
18) Methyl Acetate	4.732	43	52125	17.534	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	202565	19.394	ug/l	98
20) Methylene Chloride	4.973	84	113684	20.441	ug/l	93
21) trans-1,2-Dichloroethene	5.485	96	111432	21.924	ug/l	95
22) Diisopropyl ether	6.367	45	346780	21.260	ug/l	98
23) Vinyl Acetate	6.308	43	899168	99.927	ug/l	99
24) 1,1-Dichloroethane	6.273	63	203287	21.382	ug/l	98
25) 2-Butanone	7.214	43	142677	89.010	ug/l	97
26) 2,2-Dichloropropane	7.214	77	167460	21.285	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	117993	21.614	ug/l	98
28) Bromochloromethane	7.549	49	65887	18.374	ug/l	98
29) Tetrahydrofuran	7.567	42	87243	91.986	ug/l	100
30) Chloroform	7.714	83	205541	21.162	ug/l	95
31) Cyclohexane	7.991	56	204400	21.315	ug/l	94
32) 1,1,1-Trichloroethane	7.908	97	182246	21.273	ug/l	99
36) 1,1-Dichloropropene	8.120	75	164744	21.597	ug/l	100
37) Ethyl Acetate	7.291	43	62876	17.729	ug/l #	80
38) Carbon Tetrachloride	8.102	117	162000	21.475	ug/l	96
39) Methylcyclohexane	9.361	83	190533	21.557	ug/l	100
40) Benzene	8.355	78	439042	21.322	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071794.D
 Acq On : 27 Jan 2022 11:45
 Operator : VA/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 15:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	36623	18.253	ug/l	94
42) 1,2-Dichloroethane	8.426	62	135812	20.888	ug/l	99
43) Isopropyl Acetate	8.455	43	117480	18.430	ug/l	98
44) Trichloroethene	9.114	130	112859	21.228	ug/l	93
45) 1,2-Dichloropropane	9.385	63	110464	20.805	ug/l	98
46) Dibromomethane	9.479	93	55424	19.937	ug/l	99
47) Bromodichloromethane	9.661	83	151136	20.556	ug/l	98
48) Methyl methacrylate	9.455	41	62991	18.673	ug/l	98
49) 1,4-Dioxane	9.461	88	11642	366.896	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	305555	91.602	ug/l	99
52) Toluene	10.402	92	274394	21.430	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	137876	20.418	ug/l	95
54) cis-1,3-Dichloropropene	10.090	75	160809	20.316	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	71449	19.365	ug/l	91
56) Ethyl methacrylate	10.655	69	84412	18.478	ug/l	98
57) 1,3-Dichloropropane	10.943	76	130983	19.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.943	63	193393	89.931	ug/l	98
59) 2-Hexanone	10.979	43	211634	87.414	ug/l	98
60) Dibromochloromethane	11.137	129	90272	19.813	ug/l	97
61) 1,2-Dibromoethane	11.243	107	67750	19.059	ug/l	97
64) Tetrachloroethene	10.873	164	92963	21.531	ug/l	98
65) Chlorobenzene	11.667	112	274962	21.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	100014	21.289	ug/l	97
67) Ethyl Benzene	11.743	91	518468	21.820	ug/l	100
68) m/p-Xylenes	11.849	106	390847	43.245	ug/l	99
69) o-Xylene	12.173	106	175190	21.330	ug/l	99
70) Styrene	12.190	104	300937	21.257	ug/l	99
71) Bromoform	12.355	173	47938	19.112	ug/l #	100
73) Isopropylbenzene	12.473	105	475141	22.194	ug/l	99
74) N-amyl acetate	12.285	43	106666	20.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	77290	19.509	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	60864m	20.889	ug/l	
77) Bromobenzene	12.755	156	103386	21.709	ug/l	96
78) n-propylbenzene	12.814	91	600684	22.376	ug/l	100
79) 2-Chlorotoluene	12.902	91	335422	22.049	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	394203	22.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	24043	20.289	ug/l	98
82) 4-Chlorotoluene	12.996	91	352424	22.267	ug/l	100
83) tert-Butylbenzene	13.214	119	339960	23.101	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	384437	22.008	ug/l	98
85) sec-Butylbenzene	13.396	105	509517	22.127	ug/l	100
86) p-Isopropyltoluene	13.508	119	419184	22.402	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	204094	21.105	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	204487	21.188	ug/l	98
89) n-Butylbenzene	13.831	91	403873	21.999	ug/l	99
90) Hexachloroethane	14.102	117	80597	21.669	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	174154	21.044	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11948	18.210	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	98440	20.362	ug/l	99
94) Hexachlorobutadiene	15.255	225	56398	21.395	ug/l	98
95) Naphthalene	15.390	128	166928	18.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	84023	20.277	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071794.D
 Acq On : 27 Jan 2022 11:45
 Operator : VA/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0127SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 15:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

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

