

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072580.D
 Acq On : 11 Apr 2022 11:26
 Operator : VA/SY
 Sample : VD0411SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	404120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	646654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	601699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	310168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230528	47.156	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.320%		
35) Dibromofluoromethane	7.908	113	248476	49.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.880%		
50) Toluene-d8	10.332	98	874701	50.073	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.140%		
62) 4-Bromofluorobenzene	12.620	95	337444	49.462	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	61880	19.294	ug/l	95
3) Chloromethane	2.215	50	53351	17.984	ug/l	98
4) Vinyl Chloride	2.350	62	59118	17.959	ug/l	98
5) Bromomethane	2.750	94	42499	18.591	ug/l	96
6) Chloroethane	2.915	64	42745	19.564	ug/l	89
7) Trichlorofluoromethane	3.273	101	145572	20.911	ug/l	100
8) Diethyl Ether	3.703	74	38460	18.591	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	101493	21.861	ug/l	97
10) Methyl Iodide	4.303	142	64864	17.601	ug/l	97
11) Tert butyl alcohol	5.220	59	29983	116.140	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	71000	19.561	ug/l	90
13) Acrolein	3.926	56	11958	104.379	ug/l	95
14) Allyl chloride	4.709	41	117046	19.077	ug/l	90
15) Acrylonitrile	5.414	53	112430	108.670	ug/l	98
16) Acetone	4.156	43	101294	111.121	ug/l	91
17) Carbon Disulfide	4.409	76	88851	14.109	ug/l	100
18) Methyl Acetate	4.715	43	62984	24.526	ug/l #	89
19) Methyl tert-butyl Ether	5.479	73	227347	21.459	ug/l	99
20) Methylene Chloride	4.956	84	101689	18.738	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	76160	17.685	ug/l	94
22) Diisopropyl ether	6.356	45	322460	22.112	ug/l #	94
23) Vinyl Acetate	6.303	43	716497	95.337	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	187395	21.325	ug/l	99
25) 2-Butanone	7.208	43	142447	112.989	ug/l #	85
26) 2,2-Dichloropropane	7.203	77	172223	22.065	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	112604	20.432	ug/l	93
28) Bromochloromethane	7.544	49	76294	20.262	ug/l #	74
29) Tetrahydrofuran	7.556	42	79282	104.161	ug/l	89
30) Chloroform	7.703	83	219376	22.192	ug/l	93
31) Cyclohexane	7.985	56	113612	17.774	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	186211	22.209	ug/l	96
36) 1,1-Dichloropropene	8.103	75	123106	19.862	ug/l	97
37) Ethyl Acetate	7.291	43	58566	21.994	ug/l #	92
38) Carbon Tetrachloride	8.091	117	154737	22.350	ug/l	96
39) Methylcyclohexane	9.350	83	124327	18.543	ug/l	97
40) Benzene	8.344	78	374186	21.320	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072580.D
 Acq On : 11 Apr 2022 11:26
 Operator : VA/SY
 Sample : VD0411SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26774m	18.292	ug/l	
42) 1,2-Dichloroethane	8.420	62	118961	22.176	ug/l	95
43) Isopropyl Acetate	8.450	43	114454	22.408	ug/l #	93
44) Trichloroethene	9.108	130	108697	21.815	ug/l	91
45) 1,2-Dichloropropane	9.379	63	112200	22.981	ug/l	95
46) Dibromomethane	9.467	93	57250	22.351	ug/l	98
47) Bromodichloromethane	9.655	83	174124	23.662	ug/l #	99
48) Methyl methacrylate	9.450	41	53701	21.655	ug/l #	84
49) 1,4-Dioxane	9.455	88	13888	455.798	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	312806	114.133	ug/l	91
52) Toluene	10.397	92	253911	21.777	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	146713	22.879	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	169839	22.401	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	93834	24.164	ug/l	95
56) Ethyl methacrylate	10.655	69	97025	21.027	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	146133	22.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	220908	115.227	ug/l	93
59) 2-Hexanone	10.979	43	215548	115.653	ug/l	92
60) Dibromochloromethane	11.132	129	120014	23.959	ug/l	95
61) 1,2-Dibromoethane	11.238	107	78653	22.812	ug/l	99
64) Tetrachloroethene	10.867	164	87690	22.306	ug/l	96
65) Chlorobenzene	11.661	112	305651	22.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	125939	23.416	ug/l	98
67) Ethyl Benzene	11.738	91	515086	21.944	ug/l	98
68) m/p-Xylenes	11.844	106	393850	44.227	ug/l	99
69) o-Xylene	12.167	106	196151	22.829	ug/l	93
70) Styrene	12.185	104	345619	22.824	ug/l	98
71) Bromoform	12.349	173	67559	23.695	ug/l #	99
73) Isopropylbenzene	12.467	105	552794	22.068	ug/l	99
74) N-amyl acetate	12.279	43	111603	21.234	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	106814	22.512	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	66764m	19.736	ug/l	
77) Bromobenzene	12.749	156	125047	22.272	ug/l	94
78) n-propylbenzene	12.808	91	679460	22.485	ug/l	99
79) 2-Chlorotoluene	12.896	91	390894	22.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	488278	22.760	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	28864	20.937	ug/l	92
82) 4-Chlorotoluene	12.996	91	412300	22.401	ug/l	97
83) tert-Butylbenzene	13.214	119	429932	23.149	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	490518	23.382	ug/l	99
85) sec-Butylbenzene	13.391	105	648743	23.190	ug/l	99
86) p-Isopropyltoluene	13.502	119	533020	23.310	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	270606	23.260	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	266787	22.752	ug/l	98
89) n-Butylbenzene	13.832	91	503859	23.131	ug/l	97
90) Hexachloroethane	14.096	117	110819	23.673	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	241182	23.504	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	16400	23.372	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	152043	23.905	ug/l	99
94) Hexachlorobutadiene	15.255	225	89832	25.214	ug/l	97
95) Naphthalene	15.385	128	261174	21.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	129908	23.402	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072580.D
 Acq On : 11 Apr 2022 11:26
 Operator : VA/SY
 Sample : VD0411SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0411SBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
Data File : VD072580.D
Acq On : 11 Apr 2022 11:26
Operator : VA/SY
Sample : VD0411SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

