

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074039.D
 Acq On : 11 Aug 2022 13:58
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 11 18:02:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	140400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	218275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	107898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59083	53.945	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.880%			
35) Dibromofluoromethane	7.908	113	70010	46.108	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.220%			
50) Toluene-d8	10.332	98	188220	47.051	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.100%			
62) 4-Bromofluorobenzene	12.620	95	90842	48.651	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	36436	27.524	ug/l	99
3) Chloromethane	2.209	50	45258	21.109	ug/l	96
4) Vinyl Chloride	2.344	62	62680	20.975	ug/l	98
5) Bromomethane	2.750	94	42969	20.871	ug/l	91
6) Chloroethane	2.909	64	46387	21.692	ug/l	97
7) Trichlorofluoromethane	3.268	101	59760	21.009	ug/l	95
8) Diethyl Ether	3.703	74	13636	20.858	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	34297	21.074	ug/l	98
10) Methyl Iodide	4.291	142	35014	20.949	ug/l	95
11) Tert butyl alcohol	5.214	59	11586	165.188	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	29565	21.059	ug/l	96
13) Acrolein	3.920	56	10216	93.259	ug/l	88
14) Allyl chloride	4.703	41	37625	20.850	ug/l	99
15) Acrylonitrile	5.409	53	29686	109.446	ug/l	96
16) Acetone	4.156	43	25593	113.924	ug/l #	86
17) Carbon Disulfide	4.403	76	95141	20.899	ug/l	98
18) Methyl Acetate	4.714	43	15266	22.437	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	66477	21.244	ug/l	99
20) Methylene Chloride	4.950	84	47131	30.324	ug/l	96
21) trans-1,2-Dichloroethene	5.456	96	33734	20.011	ug/l	93
22) Diisopropyl ether	6.361	45	79310	20.435	ug/l	98
23) Vinyl Acetate	6.297	43	213689	20.909	ug/l	100
24) 1,1-Dichloroethane	6.256	63	56254	20.229	ug/l	96
25) 2-Butanone	7.208	43	40052	114.007	ug/l	93
26) 2,2-Dichloropropane	7.203	77	57213	21.524	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	37114	20.601	ug/l	99
28) Bromochloromethane	7.538	49	21106	19.667	ug/l #	98
29) Tetrahydrofuran	7.556	42	22931	106.023	ug/l	98
30) Chloroform	7.703	83	65868	20.896	ug/l	99
31) Cyclohexane	7.985	56	47378	19.228	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	60633	20.221	ug/l	99
36) 1,1-Dichloropropene	8.103	75	47504	20.559	ug/l	97
37) Ethyl Acetate	7.291	43	19475	23.682	ug/l	96
38) Carbon Tetrachloride	8.085	117	52418	20.123	ug/l	95
39) Methylcyclohexane	9.350	83	50749	19.362	ug/l	96
40) Benzene	8.344	78	130025	20.758	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074039.D
 Acq On : 11 Aug 2022 13:58
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 11 18:02:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	10362	23.058	ug/l	93
42) 1,2-Dichloroethane	8.414	62	39925	20.677	ug/l	97
43) Isopropyl Acetate	8.444	43	34035	21.652	ug/l	98
44) Trichloroethene	9.102	130	37953	20.596	ug/l	100
45) 1,2-Dichloropropane	9.379	63	30842	20.459	ug/l	95
46) Dibromomethane	9.461	93	19985	20.588	ug/l	99
47) Bromodichloromethane	9.655	83	49449	20.478	ug/l	95
48) Methyl methacrylate	9.450	41	15600	20.802	ug/l	91
49) 1,4-Dioxane	9.455	88	3759	396.213	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	87285	108.173	ug/l	98
52) Toluene	10.391	92	85297	20.401	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	42785	20.552	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	50479	20.980	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	25551	20.710	ug/l	97
56) Ethyl methacrylate	10.649	69	25995	20.068	ug/l	91
57) 1,3-Dichloropropane	10.932	76	41833	21.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	55932	103.485	ug/l	99
59) 2-Hexanone	10.973	43	59663	110.289	ug/l	95
60) Dibromochloromethane	11.126	129	34166	20.446	ug/l	99
61) 1,2-Dibromoethane	11.238	107	26442	21.220	ug/l	100
64) Tetrachloroethene	10.867	164	31814	19.457	ug/l	98
65) Chlorobenzene	11.655	112	92732	19.911	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	34582	19.538	ug/l	94
67) Ethyl Benzene	11.732	91	153846	18.961	ug/l	98
68) m/p-Xylenes	11.844	106	125159	38.617	ug/l	97
69) o-Xylene	12.167	106	57117	19.242	ug/l	98
70) Styrene	12.179	104	100930	20.080	ug/l	98
71) Bromoform	12.344	173	19748	20.273	ug/l #	98
73) Isopropylbenzene	12.467	105	147717	19.691	ug/l	99
74) N-amyl acetate	12.273	43	30887	21.558	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	29004	21.300	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	19680m	19.977	ug/l	
77) Bromobenzene	12.749	156	37478	20.919	ug/l	98
78) n-propylbenzene	12.808	91	191865	20.654	ug/l	100
79) 2-Chlorotoluene	12.891	91	107447	20.548	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	134174	21.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	7916	21.447	ug/l	97
82) 4-Chlorotoluene	12.991	91	113951	20.767	ug/l	100
83) tert-Butylbenzene	13.208	119	108139	19.988	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	131850	20.594	ug/l	99
85) sec-Butylbenzene	13.385	105	166526	19.975	ug/l	100
86) p-Isopropyltoluene	13.502	119	139739	20.022	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	77719	20.665	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	76673	20.270	ug/l	96
89) n-Butylbenzene	13.826	91	133040	20.353	ug/l	99
90) Hexachloroethane	14.096	117	28927	20.956	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	69050	21.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4554	20.227	ug/l	94
93) 1,2,4-Trichlorobenzene	15.137	180	38419	20.318	ug/l	98
94) Hexachlorobutadiene	15.243	225	21395	19.775	ug/l	94
95) Naphthalene	15.373	128	68196	20.521	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	33886	20.378	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
Data File : VD074039.D
Acq On : 11 Aug 2022 13:58
Operator : VA/SY
Sample : VD0811SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 11 18:02:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration

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

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

