

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074417.D
 Acq On : 26 Sep 2022 13:00
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 02:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:58:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	61364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	84713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	45750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25724	48.921	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.840%		
35) Dibromofluoromethane	7.810	113	31191	43.868	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.740%		
50) Toluene-d8	10.269	98	108319	49.065	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.569	95	35534	40.163	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	22643	45.258	ug/l	100
3) Chloromethane	2.140	50	21364	42.363	ug/l	100
4) Vinyl Chloride	2.281	62	19893	46.363	ug/l	100
5) Bromomethane	2.681	94	12922	39.263	ug/l	100
6) Chloroethane	2.828	64	14471	48.652	ug/l	100
7) Trichlorofluoromethane	3.169	101	46822	47.206	ug/l	100
8) Diethyl Ether	3.593	74	14559	49.319	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	32638	48.284	ug/l	100
10) Methyl Iodide	4.158	142	31143	53.441	ug/l	100
11) Tert butyl alcohol	5.040	59	12972	135.492	ug/l	100
12) 1,1-Dichloroethene	3.934	96	30921	48.605	ug/l	100
13) Acrolein	3.799	56	8209	222.488	ug/l	100
14) Allyl chloride	4.552	41	32868	50.286	ug/l	100
15) Acrylonitrile	5.257	53	31798	257.076	ug/l	100
16) Acetone	4.016	43	24006	237.499	ug/l	100
17) Carbon Disulfide	4.269	76	68228	47.001	ug/l	100
18) Methyl Acetate	4.569	43	14365	43.546	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	70602	51.628	ug/l	100
20) Methylene Chloride	4.799	84	39026	39.142	ug/l	100
21) trans-1,2-Dichloroethene	5.310	96	33264	49.064	ug/l	100
22) Diisopropyl ether	6.216	45	76727	51.124	ug/l	100
23) Vinyl Acetate	6.157	43	172816	280.256	ug/l	100
24) 1,1-Dichloroethane	6.110	63	56357	49.588	ug/l	100
25) 2-Butanone	7.081	43	35509	254.254	ug/l	100
26) 2,2-Dichloropropane	7.069	77	51306	49.033	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	40133	50.256	ug/l	100
28) Bromochloromethane	7.428	49	18566	50.957	ug/l	100
29) Tetrahydrofuran	7.440	42	20770	260.026	ug/l	100
30) Chloroform	7.599	83	63082	49.491	ug/l	100
31) Cyclohexane	7.881	56	40453	45.425	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	55051	50.264	ug/l	100
36) 1,1-Dichloropropene	8.010	75	43615	49.975	ug/l	100
37) Ethyl Acetate	7.163	43	15543	53.615	ug/l	100
38) Carbon Tetrachloride	7.987	117	43055	52.121	ug/l	100
39) Methylcyclohexane	9.275	83	50469	48.997	ug/l	100
40) Benzene	8.251	78	130743	50.642	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074417.D
 Acq On : 26 Sep 2022 13:00
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 02:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:58:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8664	48.733	ug/l	100
42) 1,2-Dichloroethane	8.328	62	32286	49.985	ug/l	100
43) Isopropyl Acetate	8.363	43	28832	51.337	ug/l	100
44) Trichloroethene	9.028	130	39224	49.994	ug/l	100
45) 1,2-Dichloropropane	9.304	63	31038	50.372	ug/l	100
46) Dibromomethane	9.393	93	18490	50.296	ug/l	100
47) Bromodichloromethane	9.581	83	47434	50.821	ug/l	100
48) Methyl methacrylate	9.381	41	13503	53.495	ug/l	100
49) 1,4-Dioxane	9.381	88	4197	1155.387	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	73427	253.846	ug/l	100
52) Toluene	10.334	92	83590	50.262	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	38513	49.546	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	50259	50.873	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	25677	50.490	ug/l	100
56) Ethyl methacrylate	10.592	69	29306	51.800	ug/l	100
57) 1,3-Dichloropropane	10.881	76	39802	48.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	22182	252.279	ug/l	100
59) 2-Hexanone	10.916	43	50227	258.128	ug/l	100
60) Dibromochloromethane	11.069	129	31637	49.947	ug/l	100
61) 1,2-Dibromoethane	11.181	107	24250	49.477	ug/l	100
64) Tetrachloroethene	10.810	164	30200	45.669	ug/l	100
65) Chlorobenzene	11.604	112	91890	50.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	34129	51.748	ug/l	100
67) Ethyl Benzene	11.681	91	164732	51.312	ug/l	100
68) m/p-Xylenes	11.792	106	131862	104.303	ug/l	100
69) o-Xylene	12.116	106	60646	51.662	ug/l	100
70) Styrene	12.134	104	108987	53.495	ug/l	100
71) Bromoform	12.292	173	19414	53.327	ug/l #	100
73) Isopropylbenzene	12.416	105	168097	49.692	ug/l	100
74) N-amyl acetate	12.228	43	26687	50.135	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	28711	48.433	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	16350m	46.299	ug/l	100
77) Bromobenzene	12.698	156	39113	48.513	ug/l	100
78) n-propylbenzene	12.757	91	201226	49.411	ug/l	100
79) 2-Chlorotoluene	12.845	91	109081	49.690	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	138313	49.431	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7137	50.045	ug/l	100
82) 4-Chlorotoluene	12.945	91	111487	49.373	ug/l	100
83) tert-Butylbenzene	13.163	119	125152	49.694	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	139354	50.025	ug/l	100
85) sec-Butylbenzene	13.339	105	187110	49.287	ug/l	100
86) p-Isopropyltoluene	13.457	119	157983	49.906	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	80839	48.957	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	81448	49.289	ug/l	100
89) n-Butylbenzene	13.781	91	144898	49.466	ug/l	100
90) Hexachloroethane	14.045	117	27238	48.625	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	71325	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3953	52.990	ug/l	100
93) 1,2,4-Trichlorobenzene	15.092	180	46119	47.710	ug/l	100
94) Hexachlorobutadiene	15.198	225	24803	46.495	ug/l	100
95) Naphthalene	15.328	128	87674	49.325	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	40319	48.039	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
Data File : VD074417.D
Acq On : 26 Sep 2022 13:00
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 02:02:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:58:39 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\VD092622\
Data File : VD074417.D
Acq On : 26 Sep 2022 13:00
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 02:02:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:58:39 2022
Response via : Initial Calibration

