

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074301.D
 Acq On : 15 Sep 2022 11:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 15 12:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	149552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	135899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	64782	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41830	45.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.280%		
35) Dibromofluoromethane	7.805	113	43937	43.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.940%		
50) Toluene-d8	10.263	98	171528	46.789	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.580%		
62) 4-Bromofluorobenzene	12.569	95	53322	40.305	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32552	46.194	ug/l	94
3) Chloromethane	2.140	50	32374	48.171	ug/l	98
4) Vinyl Chloride	2.281	62	32790	57.274	ug/l	97
5) Bromomethane	2.681	94	19505	64.695	ug/l	92
6) Chloroethane	2.828	64	20429	59.923	ug/l	90
7) Trichlorofluoromethane	3.170	101	74352	46.678	ug/l	94
8) Diethyl Ether	3.587	74	24158	47.008	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	48868	47.683	ug/l	98
10) Methyl Iodide	4.158	142	57806	47.329	ug/l	99
11) Tert butyl alcohol	5.058	59	15179	203.052	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	45756	46.250	ug/l	94
13) Acrolein	3.793	56	18635	234.525	ug/l	98
14) Allyl chloride	4.552	41	71405	46.507	ug/l	100
15) Acrylonitrile	5.246	53	59154	246.881	ug/l	99
16) Acetone	4.022	43	51693	273.229	ug/l	94
17) Carbon Disulfide	4.264	76	119279	41.795	ug/l	96
18) Methyl Acetate	4.558	43	28378	44.833	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	112904	47.112	ug/l	96
20) Methylene Chloride	4.799	84	61370	53.715	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	51023	45.718	ug/l	97
22) Diisopropyl ether	6.211	45	159591	48.981	ug/l	98
23) Vinyl Acetate	6.152	43	395976	257.366	ug/l	99
24) 1,1-Dichloroethane	6.111	63	100056	49.711	ug/l	98
25) 2-Butanone	7.081	43	76073	241.088	ug/l	94
26) 2,2-Dichloropropane	7.075	77	84476	48.040	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	59687	46.806	ug/l	99
28) Bromochloromethane	7.422	49	30542	49.410	ug/l	99
29) Tetrahydrofuran	7.446	42	46641	239.761	ug/l	97
30) Chloroform	7.599	83	98244	49.179	ug/l	90
31) Cyclohexane	7.875	56	82976	43.805	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	84087	47.972	ug/l	99
36) 1,1-Dichloropropene	8.005	75	75085	46.386	ug/l	99
37) Ethyl Acetate	7.163	43	33065	47.104	ug/l #	78
38) Carbon Tetrachloride	7.993	117	71420	48.766	ug/l	98
39) Methylcyclohexane	9.275	83	86737	43.287	ug/l	97
40) Benzene	8.246	78	213685	47.700	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074301.D
 Acq On : 15 Sep 2022 11:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18934	48.426	ug/l	95
42) 1,2-Dichloroethane	8.328	62	54819	46.305	ug/l	99
43) Isopropyl Acetate	8.357	43	60516	44.632	ug/l	97
44) Trichloroethene	9.028	130	55996	45.032	ug/l	97
45) 1,2-Dichloropropane	9.305	63	55950	48.056	ug/l	99
46) Dibromomethane	9.393	93	28967	47.920	ug/l	95
47) Bromodichloromethane	9.581	83	73571	48.376	ug/l	95
48) Methyl methacrylate	9.375	41	30317	47.341	ug/l	96
49) 1,4-Dioxane	9.381	88	6328	884.008	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	166532	243.008	ug/l	98
52) Toluene	10.334	92	135169	47.042	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	67593	47.150	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	83509	47.280	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	40399	48.346	ug/l	97
56) Ethyl methacrylate	10.593	69	52866	47.616	ug/l	99
57) 1,3-Dichloropropane	10.875	76	70628	47.892	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	44896	217.581	ug/l	100
59) 2-Hexanone	10.916	43	113512	243.923	ug/l	99
60) Dibromochloromethane	11.069	129	47498	46.678	ug/l	96
61) 1,2-Dibromoethane	11.175	107	37254	46.841	ug/l	97
64) Tetrachloroethene	10.804	164	44795	43.111	ug/l	98
65) Chlorobenzene	11.604	112	143790	47.065	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	53455	48.853	ug/l	97
67) Ethyl Benzene	11.681	91	268767	47.096	ug/l	100
68) m/p-Xylenes	11.787	106	201566	93.062	ug/l	97
69) o-Xylene	12.116	106	95995	46.896	ug/l	100
70) Styrene	12.128	104	164623	48.220	ug/l	99
71) Bromoform	12.293	173	28423	46.658	ug/l #	99
73) Isopropylbenzene	12.416	105	262806	47.948	ug/l	99
74) N-amyl acetate	12.228	43	59309	45.949	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.663	83	46621	46.715	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	30789m	46.361	ug/l	
77) Bromobenzene	12.693	156	55912	46.486	ug/l	99
78) n-propylbenzene	12.757	91	319233	47.497	ug/l	99
79) 2-Chlorotoluene	12.840	91	170535	46.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	210848	46.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	12828	47.625	ug/l #	100
82) 4-Chlorotoluene	12.940	91	174403	47.118	ug/l	99
83) tert-Butylbenzene	13.157	119	191655	48.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	209650	47.557	ug/l	99
85) sec-Butylbenzene	13.340	105	287966	47.828	ug/l	100
86) p-Isopropyltoluene	13.451	119	233589	47.498	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	115246	46.981	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	111094	46.054	ug/l	99
89) n-Butylbenzene	13.781	91	227464	47.333	ug/l	99
90) Hexachloroethane	14.045	117	44257	49.195	ug/l	96
91) 1,2-Dichlorobenzene	13.822	146	97956	45.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6665	47.527	ug/l	91
93) 1,2,4-Trichlorobenzene	15.087	180	66128	44.843	ug/l	98
94) Hexachlorobutadiene	15.192	225	38304	45.455	ug/l	99
95) Naphthalene	15.322	128	126439	45.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.510	180	56369	44.527	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074301.D
Acq On : 15 Sep 2022 11:18
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:17:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

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

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

