

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074380.D
 Acq On : 21 Sep 2022 09:42
 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 22 05:10:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

09/22/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	88867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	151513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	67640	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	47765	55.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.360%	
35) Dibromofluoromethane	7.810	113	48794	48.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.800%	
50) Toluene-d8	10.269	98	195797	56.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.740%	
62) 4-Bromofluorobenzene	12.569	95	60535	52.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.240%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	35645	43.542	ug/l	95
3) Chloromethane	2.146	50	53009	68.090	ug/l	95
4) Vinyl Chloride	2.281	62	36260	47.458	ug/l #	87
5) Bromomethane	2.687	94	12543	26.554	ug/l	99
6) Chloroethane	2.828	64	21471	47.830	ug/l	96
7) Trichlorofluoromethane	3.169	101	70902	47.621	ug/l	95
8) Diethyl Ether	3.593	74	25201	53.099	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	48403	51.703	ug/l	98
10) Methyl Iodide	4.158	142	40576	35.088	ug/l	98
11) Tert butyl alcohol	5.040	59	22924	391.892	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	47143	49.470	ug/l	90
13) Acrolein	3.787	56	11894	188.541	ug/l	97
14) Allyl chloride	4.558	41	71621	51.930	ug/l	99
15) Acrylonitrile	5.252	53	63148	301.864	ug/l	99
16) Acetone	4.016	43	54457	279.255	ug/l	98
17) Carbon Disulfide	4.264	76	128773	41.500	ug/l	100
18) Methyl Acetate	4.564	43	31900	60.067	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	120049	58.826	ug/l	98
20) Methylene Chloride	4.793	84	55723	44.814	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	53862	51.047	ug/l	97
22) Diisopropyl ether	6.210	45	167685	57.726	ug/l	97
23) Vinyl Acetate	6.152	43	425498	286.264	ug/l	99
24) 1,1-Dichloroethane	6.105	63	101077	54.059	ug/l	99
25) 2-Butanone	7.075	43	80002	275.438	ug/l	97
26) 2,2-Dichloropropane	7.075	77	85416	55.340	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	62692	53.627	ug/l	98
28) Bromochloromethane	7.428	49	38896	53.874	ug/l	97
29) Tetrahydrofuran	7.440	42	50023	300.519	ug/l	97
30) Chloroform	7.593	83	100556	54.694	ug/l	88
31) Cyclohexane	7.875	56	83658	46.083	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	86382	53.261	ug/l	99
36) 1,1-Dichloropropene	8.005	75	75334	49.457	ug/l	99
37) Ethyl Acetate	7.169	43	34544	56.607	ug/l	98
38) Carbon Tetrachloride	7.987	117	65050	48.190	ug/l	99
39) Methylcyclohexane	9.275	83	90777	49.269	ug/l	96
40) Benzene	8.252	78	224665	52.602	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	18135	54.750	ug/l	# 85
42) 1,2-Dichloroethane	8.322	62	59726	54.755	ug/l	98
43) Isopropyl Acetate	8.357	43	64617	57.393	ug/l	99
44) Trichloroethene	9.028	130	59004	52.546	ug/l	96
45) 1,2-Dichloropropane	9.304	63	59435	55.333	ug/l	96
46) Dibromomethane	9.393	93	29575	53.528	ug/l	97
47) Bromodichloromethane	9.587	83	75358	55.375	ug/l	94
48) Methyl methacrylate	9.381	41	29358	53.884	ug/l	94
49) 1,4-Dioxane	9.387	88	7422	1227.492	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	177650	300.329	ug/l	98
52) Toluene	10.334	92	144205	54.814	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	74505	61.363	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	89471	56.957	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	42085	57.826	ug/l	95
56) Ethyl methacrylate	10.598	69	57189	59.985	ug/l	99
57) 1,3-Dichloropropane	10.875	76	74164	56.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	43177	166.743	ug/l	98
59) 2-Hexanone	10.922	43	122701	296.559	ug/l	100
60) Dibromochloromethane	11.069	129	48978	56.197	ug/l	99
61) 1,2-Dibromoethane	11.175	107	38936	55.707	ug/l	100
64) Tetrachloroethene	10.804	164	50681	53.473	ug/l	97
65) Chlorobenzene	11.604	112	151399	52.559	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53108	53.688	ug/l	99
67) Ethyl Benzene	11.681	91	281897	53.342	ug/l	100
68) m/p-Xylenes	11.787	106	217877	107.630	ug/l	99
69) o-Xylene	12.116	106	100859	54.520	ug/l	96
70) Styrene	12.128	104	176905	56.148	ug/l	99
71) Bromoform	12.293	173	27903	52.566	ug/l	# 99
73) Isopropylbenzene	12.416	105	269673	51.838	ug/l	100
74) N-amyl acetate	12.228	43	63642	55.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	49598	54.872	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	34270m	54.760	ug/l	
77) Bromobenzene	12.692	156	59379	52.234	ug/l	100
78) n-propylbenzene	12.757	91	335974	52.062	ug/l	99
79) 2-Chlorotoluene	12.845	91	176997	52.008	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	221063	51.968	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	14835	59.410	ug/l	# 100
82) 4-Chlorotoluene	12.940	91	179910	50.976	ug/l	98
83) tert-Butylbenzene	13.163	119	193604	51.324	ug/l	100
84) 1,2,4-Trimethylbenzene	13.204	105	220620	52.717	ug/l	98
85) sec-Butylbenzene	13.340	105	295788	52.841	ug/l	100
86) p-Isopropyltoluene	13.457	119	245321	52.440	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	121740	52.098	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	117627	51.506	ug/l	99
89) n-Butylbenzene	13.781	91	243050	53.045	ug/l	99
90) Hexachloroethane	14.045	117	38929	44.091	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	102663	52.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6862	51.071	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	70277	52.876	ug/l	99
94) Hexachlorobutadiene	15.198	225	38963	51.600	ug/l	95
95) Naphthalene	15.328	128	135673	55.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	59777	52.331	ug/l	99

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

