

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074818.D
 Acq On : 09 Nov 2022 09:40
 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: Nov 09 14:03:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

11/10/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	242983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58771	48.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.804	113	74122	51.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.140%
50) Toluene-d8	10.269	98	240251	45.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.575	95	73996	48.880	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52910	42.420	ug/l	96
3) Chloromethane	2.146	50	82687	41.542	ug/l	92
4) Vinyl Chloride	2.287	62	101209	46.367	ug/l	100
5) Bromomethane	2.693	94	84003	50.792	ug/l	100
6) Chloroethane	2.840	64	74418	49.188	ug/l	94
7) Trichlorofluoromethane	3.175	101	124482	49.088	ug/l	94
8) Diethyl Ether	3.593	74	35334	47.696	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.975	101	78989	49.035	ug/l	99
10) Methyl Iodide	4.163	142	91179	44.346	ug/l	99
11) Tert butyl alcohol	5.040	59	16168	69.966	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	77825	47.567	ug/l	95
13) Acrolein	3.805	56	17024	205.643	ug/l	96
14) Allyl chloride	4.563	41	84480	48.801	ug/l	99
15) Acrylonitrile	5.252	53	66602	227.512	ug/l	99
16) Acetone	4.022	43	66003	262.950	ug/l	97
17) Carbon Disulfide	4.275	76	232947	47.216	ug/l	99
18) Methyl Acetate	4.558	43	30519	40.207	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	150871	48.487	ug/l	96
20) Methylene Chloride	4.799	84	111053	52.483	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	86750	48.243	ug/l	96
22) Diisopropyl ether	6.216	45	187331	52.431	ug/l	94
23) Vinyl Acetate	6.157	43	436825	287.559	ug/l	97
24) 1,1-Dichloroethane	6.116	63	135898	49.729	ug/l	98
25) 2-Butanone	7.081	43	80004	231.810	ug/l	94
26) 2,2-Dichloropropane	7.081	77	125433	49.883	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	97957	49.384	ug/l	100
28) Bromochloromethane	7.428	49	46734	54.190	ug/l	95
29) Tetrahydrofuran	7.446	42	45697	230.872	ug/l	98
30) Chloroform	7.599	83	149512	51.213	ug/l	100
31) Cyclohexane	7.881	56	114062	46.837	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	130044	50.423	ug/l	98
36) 1,1-Dichloropropene	8.010	75	114455	52.461	ug/l	99
37) Ethyl Acetate	7.169	43	35618	48.940	ug/l	99
38) Carbon Tetrachloride	7.993	117	108980	52.724	ug/l	94
39) Methylcyclohexane	9.275	83	137231	51.699	ug/l	96
40) Benzene	8.251	78	340969	52.875	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	18410	43.521	ug/l	98
42) 1,2-Dichloroethane	8.328	62	77089	51.999	ug/l	99
43) Isopropyl Acetate	8.357	43	65370	48.272	ug/l	97
44) Trichloroethene	9.028	130	93786	51.047	ug/l	97
45) 1,2-Dichloropropane	9.304	63	78588	55.103	ug/l	90
46) Dibromomethane	9.393	93	44587	53.948	ug/l	93
47) Bromodichloromethane	9.587	83	107294	53.922	ug/l	97
48) Methyl methacrylate	9.381	41	30268	50.157	ug/l	95
49) 1,4-Dioxane	9.381	88	7706	924.541	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	151696	230.994	ug/l	98
52) Toluene	10.334	92	192692	48.804	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	88140	50.084	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	109144	49.424	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	53122	47.312	ug/l	93
56) Ethyl methacrylate	10.598	69	59017	47.012	ug/l	97
57) 1,3-Dichloropropane	10.881	76	85711	47.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	115651	339.301	ug/l	99
59) 2-Hexanone	10.922	43	107971	239.009	ug/l	100
60) Dibromochloromethane	11.075	129	63329	47.245	ug/l	99
61) 1,2-Dibromoethane	11.181	107	51442	48.617	ug/l	98
64) Tetrachloroethene	10.810	164	69003	50.277	ug/l	94
65) Chlorobenzene	11.610	112	198993	51.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	70869	54.290	ug/l	98
67) Ethyl Benzene	11.687	91	364468	53.456	ug/l	99
68) m/p-Xylenes	11.792	106	292526	108.068	ug/l	98
69) o-Xylene	12.122	106	133682	53.719	ug/l	96
70) Styrene	12.134	104	230590	54.694	ug/l	99
71) Bromoform	12.298	173	35935	51.404	ug/l #	97
73) Isopropylbenzene	12.422	105	355436	53.657	ug/l	99
74) N-amyl acetate	12.234	43	53769	49.974	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	57212	51.399	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	37630m	53.538	ug/l	
77) Bromobenzene	12.704	156	78926	51.746	ug/l	95
78) n-propylbenzene	12.763	91	431777	54.410	ug/l	99
79) 2-Chlorotoluene	12.851	91	229711	53.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	290696	53.788	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	16469	55.620	ug/l	97
82) 4-Chlorotoluene	12.945	91	240119	54.027	ug/l	99
83) tert-Butylbenzene	13.169	119	251966	52.904	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	288791	54.155	ug/l	99
85) sec-Butylbenzene	13.345	105	381297	53.065	ug/l	99
86) p-Isopropyltoluene	13.463	119	322162	53.236	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	162310	51.322	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	159279	51.231	ug/l	99
89) n-Butylbenzene	13.786	91	301338	54.446	ug/l	98
90) Hexachloroethane	14.051	117	55932	53.909	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	136852	50.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7629	49.582	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	82877	49.829	ug/l	98
94) Hexachlorobutadiene	15.204	225	43282	49.745	ug/l	99
95) Naphthalene	15.333	128	151403	47.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	70654	48.276	ug/l	97

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

