

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073917.D
 Acq On : 02 Aug 2022 10:05
 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: Aug 03 04:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

08/03/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	196068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	315764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	294776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	150721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80930	50.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.908	113	90050	45.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.800%	
50) Toluene-d8	10.332	98	288024	43.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.160%	
62) 4-Bromofluorobenzene	12.620	95	117380	48.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	84174	49.067	ug/l	99
3) Chloromethane	2.209	50	114896	46.119	ug/l	96
4) Vinyl Chloride	2.350	62	152141	49.520	ug/l	96
5) Bromomethane	2.768	94	103653	47.774	ug/l	98
6) Chloroethane	2.920	64	101831	47.127	ug/l	94
7) Trichlorofluoromethane	3.267	101	159059	48.294	ug/l	99
8) Diethyl Ether	3.709	74	39568	47.734	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	89922	46.058	ug/l	97
10) Methyl Iodide	4.297	142	106832	50.042	ug/l	99
11) Tert butyl alcohol	5.226	59	26841	233.449	ug/l	98
12) 1,1-Dichloroethene	4.062	96	84495	48.845	ug/l	93
13) Acrolein	3.926	56	31898	263.208	ug/l	97
14) Allyl chloride	4.709	41	113824	48.665	ug/l	100
15) Acrylonitrile	5.409	53	82236	231.735	ug/l	99
16) Acetone	4.150	43	99875	274.108	ug/l	94
17) Carbon Disulfide	4.409	76	259438	48.745	ug/l	98
18) Methyl Acetate	4.714	43	39114	45.489	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	197885	47.249	ug/l	97
20) Methylene Chloride	4.956	84	103154	40.650	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	98756	47.902	ug/l	94
22) Diisopropyl ether	6.356	45	244788	48.204	ug/l	96
23) Vinyl Acetate	6.297	43	678593m	252.841	ug/l	
24) 1,1-Dichloroethane	6.256	63	160327	46.674	ug/l	97
25) 2-Butanone	7.203	43	121172	253.219	ug/l	98
26) 2,2-Dichloropropane	7.203	77	164786	47.444	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	111376	47.987	ug/l	100
28) Bromochloromethane	7.538	49	58467	51.005	ug/l	99
29) Tetrahydrofuran	7.555	42	66537	237.970	ug/l	99
30) Chloroform	7.703	83	186136	47.555	ug/l	99
31) Cyclohexane	7.979	56	143567	47.286	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	178314	47.845	ug/l	99
36) 1,1-Dichloropropene	8.102	75	139663	49.982	ug/l	98
37) Ethyl Acetate	7.285	43	51651	49.633	ug/l #	95
38) Carbon Tetrachloride	8.091	117	156259	49.920	ug/l	96
39) Methylcyclohexane	9.350	83	169548	51.766	ug/l	99
40) Benzene	8.344	78	380015	49.562	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	30402	50.608	ug/l	95
42) 1,2-Dichloroethane	8.414	62	112629	47.859	ug/l	100
43) Isopropyl Acetate	8.444	43	101218	49.118	ug/l	98
44) Trichloroethene	9.102	130	112796	48.832	ug/l	99
45) 1,2-Dichloropropane	9.379	63	90358	48.975	ug/l	99
46) Dibromomethane	9.467	93	58923	49.654	ug/l	97
47) Bromodichloromethane	9.655	83	142177	48.369	ug/l	95
48) Methyl methacrylate	9.450	41	47573	49.469	ug/l	97
49) 1,4-Dioxane	9.450	88	11785	942.309	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	252644	245.562	ug/l	99
52) Toluene	10.397	92	258634	49.572	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	134040	49.537	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	151353	49.407	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	72348	47.402	ug/l	97
56) Ethyl methacrylate	10.649	69	86894	50.004	ug/l	98
57) 1,3-Dichloropropane	10.938	76	119109	48.219	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	184870	277.993	ug/l	96
59) 2-Hexanone	10.973	43	186447	267.804	ug/l	99
60) Dibromochloromethane	11.132	129	99435	48.287	ug/l	99
61) 1,2-Dibromoethane	11.232	107	74064	47.876	ug/l	97
64) Tetrachloroethene	10.867	164	93509	44.574	ug/l	99
65) Chlorobenzene	11.661	112	278822	47.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	105682	47.212	ug/l	98
67) Ethyl Benzene	11.732	91	498806	48.328	ug/l	98
68) m/p-Xylenes	11.843	106	404078	98.757	ug/l	99
69) o-Xylene	12.167	106	185534	48.415	ug/l	99
70) Styrene	12.185	104	318146	49.152	ug/l	99
71) Bromoform	12.349	173	59530	48.421	ug/l #	97
73) Isopropylbenzene	12.467	105	498419	47.959	ug/l	99
74) N-amyl acetate	12.273	43	97148	46.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	84099	47.504	ug/l	94
76) 1,2,3-Trichloropropane	12.767	75	55962m	49.276	ug/l	
77) Bromobenzene	12.749	156	115330	47.142	ug/l	100
78) n-propylbenzene	12.808	91	606349	47.977	ug/l	99
79) 2-Chlorotoluene	12.890	91	337810	46.725	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	429228	48.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	25255	48.073	ug/l	94
82) 4-Chlorotoluene	12.990	91	356770	47.077	ug/l	100
83) tert-Butylbenzene	13.208	119	365107	47.493	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	421080	48.276	ug/l	99
85) sec-Butylbenzene	13.385	105	552484	47.496	ug/l	100
86) p-Isopropyltoluene	13.502	119	474661	48.579	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	239646	46.909	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	239811	47.388	ug/l	99
89) n-Butylbenzene	13.826	91	436436	48.442	ug/l	100
90) Hexachloroethane	14.090	117	87913	49.099	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	203992	46.702	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13326	44.192	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	125310	46.135	ug/l	98
94) Hexachlorobutadiene	15.249	225	68807	46.627	ug/l	99
95) Naphthalene	15.379	128	231118	46.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	110351	47.002	ug/l	96

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

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