

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090922\
 Data File : VD074245.D
 Acq On : 09 Sep 2022 16:55
 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 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 02:46:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 02:44:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	127122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	206717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	186309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	88587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	63888	48.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.880%		
35) Dibromofluoromethane	7.799	113	67657	49.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.180%		
50) Toluene-d8	10.263	98	262616	57.175	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	114.340%		
62) 4-Bromofluorobenzene	12.557	95	83434	48.226	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	46670	44.557	ug/l	100
3) Chloromethane	2.140	50	40669	53.209	ug/l	100
4) Vinyl Chloride	2.275	62	37436	48.149	ug/l	100
5) Bromomethane	2.675	94	19227	39.412	ug/l	100
6) Chloroethane	2.822	64	21014	42.601	ug/l	100
7) Trichlorofluoromethane	3.158	101	102500	45.475	ug/l	100
8) Diethyl Ether	3.587	74	34120	54.431	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.952	101	66745	48.366	ug/l	100
10) Methyl Iodide	4.152	142	84871	56.077	ug/l	100
11) Tert butyl alcohol	5.063	59	23730	282.143	ug/l	100
12) 1,1-Dichloroethene	3.928	96	64621	52.010	ug/l	100
13) Acrolein	3.787	56	27579	536.906	ug/l	100
14) Allyl chloride	4.552	41	100394	51.753	ug/l	100
15) Acrylonitrile	5.252	53	82920	281.624	ug/l	100
16) Acetone	4.016	43	73902	294.006	ug/l	100
17) Carbon Disulfide	4.258	76	182282	51.254	ug/l	100
18) Methyl Acetate	4.558	43	40246	50.907	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	161772	53.553	ug/l	100
20) Methylene Chloride	4.793	84	78281	40.719	ug/l	100
21) trans-1,2-Dichloroethene	5.305	96	73308	50.870	ug/l	100
22) Diisopropyl ether	6.210	45	221697	54.736	ug/l	100
23) Vinyl Acetate	6.152	43	550952	269.883	ug/l	100
24) 1,1-Dichloroethane	6.105	63	135216	51.124	ug/l	100
25) 2-Butanone	7.075	43	109117	279.615	ug/l	100
26) 2,2-Dichloropropane	7.069	77	116501	49.208	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	84292	51.530	ug/l	100
28) Bromochloromethane	7.422	49	45476	55.544	ug/l	100
29) Tetrahydrofuran	7.440	42	66459	282.633	ug/l	100
30) Chloroform	7.587	83	132387	48.103	ug/l	100
31) Cyclohexane	7.869	56	117478	51.471	ug/l	100
32) 1,1,1-Trichloroethane	7.787	97	117026	46.100	ug/l	100
36) 1,1-Dichloropropene	8.004	75	103980	50.717	ug/l	100
37) Ethyl Acetate	7.163	43	45797	55.100	ug/l	100
38) Carbon Tetrachloride	7.981	117	97839	45.193	ug/l	100
39) Methylcyclohexane	9.263	83	127970	54.504	ug/l	100
40) Benzene	8.240	78	293482	50.507	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29311	57.864	ug/l	100
42) 1,2-Dichloroethane	8.316	62	77202	45.647	ug/l	100
43) Isopropyl Acetate	8.352	43	90110	53.816	ug/l	100
44) Trichloroethene	9.022	130	81326	48.428	ug/l	100
45) 1,2-Dichloropropane	9.299	63	75938	51.800	ug/l	100
46) Dibromomethane	9.387	93	40098	49.616	ug/l	100
47) Bromodichloromethane	9.575	83	100932	48.138	ug/l	100
48) Methyl methacrylate	9.375	41	42641	55.689	ug/l	100
49) 1,4-Dioxane	9.375	88	10548	1118.293	ug/l	100
51) 4-Methyl-2-Pentanone	10.151	43	233313	279.250	ug/l	100
52) Toluene	10.328	92	189516	49.873	ug/l	100
53) t-1,3-Dichloropropene	10.546	75	97521	51.012	ug/l	100
54) cis-1,3-Dichloropropene	10.010	75	116661	51.409	ug/l	100
55) 1,1,2-Trichloroethane	10.722	97	56474	50.529	ug/l	100
56) Ethyl methacrylate	10.587	69	76791	59.253	ug/l	100
57) 1,3-Dichloropropane	10.869	76	98013	52.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.863	63	60136	163.069	ug/l	100
59) 2-Hexanone	10.910	43	163212	289.845	ug/l	100
60) Dibromochloromethane	11.063	129	67886	47.601	ug/l	100
61) 1,2-Dibromoethane	11.169	107	53308	49.466	ug/l	100
64) Tetrachloroethene	10.798	164	65942	49.167	ug/l	100
65) Chlorobenzene	11.598	112	201031	49.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	72307	47.988	ug/l	100
67) Ethyl Benzene	11.669	91	373141	53.827	ug/l	100
68) m/p-Xylenes	11.781	106	283947	104.023	ug/l	100
69) o-Xylene	12.110	106	135088	53.307	ug/l	100
70) Styrene	12.122	104	227820	52.602	ug/l	100
71) Bromoform	12.287	173	41365	50.020	ug/l #	100
73) Isopropylbenzene	12.404	105	359181	55.774	ug/l	100
74) N-amyl acetate	12.216	43	87417	60.708	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.657	83	66485	56.676	ug/l	100
76) 1,2,3-Trichloropropane	12.710	75	48155m	54.106	ug/l	
77) Bromobenzene	12.687	156	78038	51.304	ug/l	100
78) n-propylbenzene	12.745	91	436542	55.412	ug/l	100
79) 2-Chlorotoluene	12.834	91	238222	52.703	ug/l	100
80) 1,3,5-Trimethylbenzene	12.887	105	292246	53.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.451	75	18082	53.507	ug/l #	100
82) 4-Chlorotoluene	12.928	91	240486	50.656	ug/l	100
83) tert-Butylbenzene	13.151	119	258113	55.223	ug/l	100
84) 1,2,4-Trimethylbenzene	13.192	105	288287	53.887	ug/l	100
85) sec-Butylbenzene	13.328	105	390249	55.364	ug/l	100
86) p-Isopropyltoluene	13.440	119	322343	55.670	ug/l	100
87) 1,3-Dichlorobenzene	13.440	146	158442	51.620	ug/l	98
88) 1,4-Dichlorobenzene	13.522	146	156276	50.531	ug/l	100
89) n-Butylbenzene	13.769	91	313631	56.623	ug/l	100
90) Hexachloroethane	14.034	117	58906	50.262	ug/l	100
91) 1,2-Dichlorobenzene	13.810	146	139300	51.912	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.428	75	9610	51.110	ug/l	100
93) 1,2,4-Trichlorobenzene	15.075	180	94165	56.569	ug/l	100
94) Hexachlorobutadiene	15.181	225	54487	57.902	ug/l	100
95) Naphthalene	15.310	128	182353	60.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.498	180	82005	56.350	ug/l	100

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

