

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075349.D
 Acq On : 17 Feb 2023 09:38
 Operator : KP/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

02/20/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Feb 18 01:03:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	52717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	83285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	74184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30984	50.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.805	113	31598	54.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.269	98	112260	50.688	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.575	95	38992	53.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	19546	45.777	ug/l	96
3) Chloromethane	2.146	50	34697	47.213	ug/l	99
4) Vinyl Chloride	2.281	62	38909	44.364	ug/l	98
5) Bromomethane	2.687	94	23159	41.271	ug/l	99
6) Chloroethane	2.834	64	28838	47.663	ug/l	97
7) Trichlorofluoromethane	3.170	101	51081	46.843	ug/l	97
8) Diethyl Ether	3.587	74	13687	46.690	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	30626	49.492	ug/l	97
10) Methyl Iodide	4.164	142	23490	32.270	ug/l	94
11) Tert butyl alcohol	5.046	59	8814	241.559	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	27107	45.942	ug/l	96
13) Acrolein	3.799	56	3833	191.430	ug/l	94
14) Allyl chloride	4.558	41	48481	49.385	ug/l	93
15) Acrylonitrile	5.252	53	36562	269.860	ug/l	96
16) Acetone	4.022	43	40771	249.438	ug/l	99
17) Carbon Disulfide	4.269	76	73107	40.162	ug/l	99
18) Methyl Acetate	4.558	43	21262	48.865	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	68611	50.649	ug/l	97
20) Methylene Chloride	4.799	84	33591	48.611	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	31592	47.316	ug/l	95
22) Diisopropyl ether	6.216	45	104526	53.531	ug/l	98
23) Vinyl Acetate	6.152	43	210031m	313.332	ug/l	
24) 1,1-Dichloroethane	6.116	63	61823	50.783	ug/l	99
25) 2-Butanone	7.081	43	50238	248.053	ug/l	99
26) 2,2-Dichloropropane	7.075	77	55343	51.359	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	37096	49.661	ug/l	96
28) Bromochloromethane	7.422	49	15831	52.297	ug/l	90
29) Tetrahydrofuran	7.440	42	28583	262.087	ug/l	95
30) Chloroform	7.593	83	63889	50.988	ug/l	97
31) Cyclohexane	7.875	56	48821	44.478	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	57754	51.529	ug/l	99
36) 1,1-Dichloropropene	8.005	75	46773	51.415	ug/l	97
37) Ethyl Acetate	7.175	43	20927	52.746	ug/l #	94
38) Carbon Tetrachloride	7.993	117	50001	59.315	ug/l	98
39) Methylcyclohexane	9.269	83	51733	49.130	ug/l	97
40) Benzene	8.252	78	131713	51.515	ug/l	100

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41) Methacrylonitrile	7.393	41	11996m	50.684	ug/l	
42) 1,2-Dichloroethane	8.328	62	40137	54.222	ug/l	99
43) Isopropyl Acetate	8.363	43	40172	52.989	ug/l	96
44) Trichloroethene	9.028	130	34788	49.359	ug/l	97
45) 1,2-Dichloropropane	9.305	63	34417	53.003	ug/l	98
46) Dibromomethane	9.393	93	18559	51.575	ug/l	97
47) Bromodichloromethane	9.587	83	48246	53.871	ug/l	96
48) Methyl methacrylate	9.381	41	19397	53.875	ug/l	93
49) 1,4-Dioxane	9.387	88	3472	1011.603	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	104502	272.661	ug/l	94
52) Toluene	10.334	92	85534	53.112	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	44041	56.773	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	50282	54.214	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	24637	53.634	ug/l	97
56) Ethyl methacrylate	10.599	69	29952	56.088	ug/l	94
57) 1,3-Dichloropropane	10.881	76	41782	53.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	38592	247.379	ug/l	96
59) 2-Hexanone	10.922	43	75302	268.927	ug/l	95
60) Dibromochloromethane	11.075	129	32401	56.932	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23396	52.821	ug/l	99
64) Tetrachloroethene	10.810	164	29351	51.371	ug/l	97
65) Chlorobenzene	11.610	112	90777	54.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	34126	56.027	ug/l	97
67) Ethyl Benzene	11.687	91	165932	53.723	ug/l	99
68) m/p-Xylenes	11.793	106	127051	108.139	ug/l	96
69) o-Xylene	12.122	106	59800	54.490	ug/l	97
70) Styrene	12.140	104	104052	55.972	ug/l	99
71) Bromoform	12.299	173	18332	56.032	ug/l #	95
73) Isopropylbenzene	12.422	105	165894	52.599	ug/l	97
74) N-amyl acetate	12.234	43	37342	52.689	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	28483	51.908	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	22718m	51.374	ug/l	
77) Bromobenzene	12.704	156	37293	52.218	ug/l	97
78) n-propylbenzene	12.769	91	202524	51.606	ug/l	99
79) 2-Chlorotoluene	12.851	91	111045	51.586	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	140717	53.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6868	50.396	ug/l	92
82) 4-Chlorotoluene	12.951	91	115742	51.544	ug/l	100
83) tert-Butylbenzene	13.169	119	118703	52.431	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	138392	52.763	ug/l	98
85) sec-Butylbenzene	13.351	105	183316	52.781	ug/l	99
86) p-Isopropyltoluene	13.463	119	154127	54.249	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	76590	53.058	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	75972	52.597	ug/l	98
89) n-Butylbenzene	13.793	91	147978	53.350	ug/l	98
90) Hexachloroethane	14.057	117	29977	53.519	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	66599	53.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4607	54.131	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	41114	52.412	ug/l	97
94) Hexachlorobutadiene	15.210	225	22585	54.571	ug/l	98
95) Naphthalene	15.334	128	75349	51.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	35183	51.983	ug/l	100

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

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