

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076325.D
 Acq On : 05 Jun 2023 14:20
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 02:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	220502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	364399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	168067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101319	51.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.560%			
35) Dibromofluoromethane	7.805	113	116332	50.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.560%			
50) Toluene-d8	10.269	98	480988	52.213	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.420%			
62) 4-Bromofluorobenzene	12.575	95	127850	52.443	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	97671	45.740	ug/l	98
3) Chloromethane	2.146	50	196616	47.917	ug/l	100
4) Vinyl Chloride	2.281	62	260031	48.285	ug/l	97
5) Bromomethane	2.681	94	168498	48.225	ug/l	99
6) Chloroethane	2.828	64	179518	49.744	ug/l	98
7) Trichlorofluoromethane	3.170	101	165727	46.350	ug/l	95
8) Diethyl Ether	3.587	74	58667	50.298	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	108977	47.648	ug/l	98
10) Methyl Iodide	4.158	142	172776	54.284	ug/l	99
11) Tert butyl alcohol	5.064	59	27438	248.494	ug/l	99
12) 1,1-Dichloroethene	3.934	96	119918	49.391	ug/l	98
13) Acrolein	3.793	56	59582	248.026	ug/l	99
14) Allyl chloride	4.558	41	120900	50.678	ug/l	98
15) Acrylonitrile	5.258	53	120134	257.933	ug/l	98
16) Acetone	4.022	43	98953	273.447	ug/l	88
17) Carbon Disulfide	4.269	76	398132	49.163	ug/l	98
18) Methyl Acetate	4.558	43	76308	49.725	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	240169	53.692	ug/l	100
20) Methylene Chloride	4.799	84	155250	52.313	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	143718	51.083	ug/l	98
22) Diisopropyl ether	6.216	45	287650	54.217	ug/l	99
23) Vinyl Acetate	6.152	43	567353	281.182	ug/l	100
24) 1,1-Dichloroethane	6.105	63	218186	50.355	ug/l	99
25) 2-Butanone	7.081	43	127323	254.095	ug/l	99
26) 2,2-Dichloropropane	7.075	77	170987	47.655	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	157322	51.763	ug/l	98
28) Bromochloromethane	7.422	49	53947	50.397	ug/l	100
29) Tetrahydrofuran	7.440	42	78522	265.614	ug/l	97
30) Chloroform	7.593	83	231612	50.931	ug/l	95
31) Cyclohexane	7.875	56	156112	47.064	ug/l	100
32) 1,1,1-Trichloroethane	7.787	97	178362	49.253	ug/l	99
36) 1,1-Dichloropropene	8.005	75	168091	50.566	ug/l	99
37) Ethyl Acetate	7.169	43	56441	51.464	ug/l	97
38) Carbon Tetrachloride	7.993	117	144169	49.474	ug/l	96
39) Methylcyclohexane	9.275	83	193455	50.933	ug/l	98
40) Benzene	8.252	78	539048	51.263	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	25596	45.809	ug/l #	75
42) 1,2-Dichloroethane	8.322	62	123860	51.000	ug/l	100
43) Isopropyl Acetate	8.357	43	101413	51.596	ug/l	100
44) Trichloroethene	9.028	130	149745	50.929	ug/l	94
45) 1,2-Dichloropropane	9.304	63	128131	51.918	ug/l	99
46) Dibromomethane	9.393	93	72190	51.675	ug/l	99
47) Bromodichloromethane	9.581	83	172980	52.819	ug/l	99
48) Methyl methacrylate	9.381	41	49333	55.404	ug/l	92
49) 1,4-Dioxane	9.381	88	16815	1098.202	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	270752	261.336	ug/l	99
52) Toluene	10.334	92	342873	53.022	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	157295	51.753	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	197780	52.658	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	99312	50.207	ug/l	95
56) Ethyl methacrylate	10.599	69	109290	54.173	ug/l	98
57) 1,3-Dichloropropane	10.881	76	164191	52.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	217316	256.557	ug/l	100
59) 2-Hexanone	10.922	43	189355	266.386	ug/l	100
60) Dibromochloromethane	11.075	129	115337	51.437	ug/l	96
61) 1,2-Dibromoethane	11.175	107	93268	51.819	ug/l	99
64) Tetrachloroethene	10.810	164	121244	49.532	ug/l	96
65) Chlorobenzene	11.610	112	362495	49.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	123948	50.419	ug/l	99
67) Ethyl Benzene	11.687	91	612120	51.875	ug/l	99
68) m/p-Xylenes	11.793	106	511695	104.902	ug/l	99
69) o-Xylene	12.122	106	231949	52.741	ug/l	100
70) Styrene	12.134	104	401733	53.266	ug/l	99
71) Bromoform	12.298	173	68439	51.602	ug/l #	99
73) Isopropylbenzene	12.422	105	567079	52.706	ug/l	98
74) N-amyl acetate	12.234	43	96439	52.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	109645	50.907	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	72110m	44.254	ug/l	
77) Bromobenzene	12.704	156	150745	53.287	ug/l	98
78) n-propylbenzene	12.763	91	699392	52.577	ug/l	99
79) 2-Chlorotoluene	12.851	91	374611	51.628	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	471936	53.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	33642	51.359	ug/l	95
82) 4-Chlorotoluene	12.945	91	399676	51.733	ug/l	99
83) tert-Butylbenzene	13.169	119	387328	52.061	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	476725	53.801	ug/l	100
85) sec-Butylbenzene	13.345	105	591188	51.661	ug/l	99
86) p-Isopropyltoluene	13.463	119	496655	52.360	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	293873	51.531	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	289771	50.184	ug/l	99
89) n-Butylbenzene	13.787	91	449163	50.947	ug/l	99
90) Hexachloroethane	14.051	117	92966	48.814	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	257090	51.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14277	50.178	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	151800	52.750	ug/l	98
94) Hexachlorobutadiene	15.204	225	69147	49.145	ug/l	99
95) Naphthalene	15.334	128	289007	48.256	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	136603	53.677	ug/l	99

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

