

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076370.D
 Acq On : 08 Jun 2023 12:57
 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 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023

Quant Time: Jun 08 16:15:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	225574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	174469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99012	48.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.980%		
35) Dibromofluoromethane	7.805	113	120117	53.049	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.100%		
50) Toluene-d8	10.269	98	496132	55.033	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	110.060%		
62) 4-Bromofluorobenzene	12.575	95	132077	55.360	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	110.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	93631	42.862	ug/l	96
3) Chloromethane	2.146	50	180328	42.960	ug/l	98
4) Vinyl Chloride	2.281	62	237017	43.022	ug/l	100
5) Bromomethane	2.687	94	153486	42.941	ug/l	99
6) Chloroethane	2.834	64	161291	43.689	ug/l	99
7) Trichlorofluoromethane	3.169	101	171479	46.880	ug/l	96
8) Diethyl Ether	3.593	74	55672	46.657	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	114449	48.916	ug/l	98
10) Methyl Iodide	4.164	142	150918	46.350	ug/l	99
11) Tert butyl alcohol	5.052	59	24303	215.153	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	116167	46.771	ug/l	95
13) Acrolein	3.793	56	47384	192.814	ug/l	98
14) Allyl chloride	4.558	41	109998	45.072	ug/l	95
15) Acrylonitrile	5.252	53	113747	238.728	ug/l	98
16) Acetone	4.022	43	96838	261.586	ug/l	98
17) Carbon Disulfide	4.264	76	378856	45.731	ug/l	99
18) Methyl Acetate	4.564	43	69791	44.456	ug/l	96
19) Methyl tert-butyl Ether	5.311	73	218056	47.652	ug/l	99
20) Methylene Chloride	4.799	84	145656	47.383	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	135357	47.029	ug/l	97
22) Diisopropyl ether	6.216	45	267131	49.218	ug/l	97
23) Vinyl Acetate	6.152	43	601223m	294.416	ug/l	
24) 1,1-Dichloroethane	6.110	63	216563	48.856	ug/l	99
25) 2-Butanone	7.081	43	122283	238.550	ug/l	94
26) 2,2-Dichloropropane	7.081	77	174812	47.626	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	150022	48.251	ug/l	98
28) Bromochloromethane	7.422	49	52966	48.177	ug/l	99
29) Tetrahydrofuran	7.446	42	68893	227.802	ug/l	92
30) Chloroform	7.593	83	226616	48.712	ug/l	98
31) Cyclohexane	7.875	56	161019	47.452	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	182007	49.130	ug/l	98
36) 1,1-Dichloropropene	8.005	75	171620	52.755	ug/l	99
37) Ethyl Acetate	7.169	43	51906	48.362	ug/l	97
38) Carbon Tetrachloride	7.993	117	149646	52.475	ug/l	99
39) Methylcyclohexane	9.275	83	196488	52.861	ug/l	97
40) Benzene	8.246	78	532218	51.718	ug/l	100

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41) Methacrylonitrile	7.393	41	23455	42.893	ug/l #	75
42) 1,2-Dichloroethane	8.322	62	119785	50.399	ug/l	98
43) Isopropyl Acetate	8.357	43	93206	48.456	ug/l	98
44) Trichloroethene	9.028	130	145234	50.473	ug/l	94
45) 1,2-Dichloropropane	9.304	63	127094	52.622	ug/l	99
46) Dibromomethane	9.393	93	70192	51.341	ug/l	100
47) Bromodichloromethane	9.581	83	169500	52.886	ug/l	98
48) Methyl methacrylate	9.381	41	44223	50.749	ug/l	98
49) 1,4-Dioxane	9.387	88	16114	1075.390	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	261501	257.916	ug/l	97
52) Toluene	10.334	92	339156	53.592	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	152846	51.387	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	192033	52.244	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	98025	50.638	ug/l	97
56) Ethyl methacrylate	10.598	69	103563	52.455	ug/l	96
57) 1,3-Dichloropropane	10.881	76	162038	52.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	219405	264.677	ug/l	99
59) 2-Hexanone	10.922	43	192779	277.122	ug/l	98
60) Dibromochloromethane	11.075	129	118072	53.806	ug/l	98
61) 1,2-Dibromoethane	11.181	107	90909	51.611	ug/l	100
64) Tetrachloroethene	10.810	164	121731	51.417	ug/l	97
65) Chlorobenzene	11.610	112	363387	51.313	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	124275	52.266	ug/l	99
67) Ethyl Benzene	11.687	91	612280	53.648	ug/l	99
68) m/p-Xylenes	11.793	106	517622	109.715	ug/l	98
69) o-Xylene	12.122	106	231071	54.323	ug/l	100
70) Styrene	12.134	104	403674	55.338	ug/l	98
71) Bromoform	12.298	173	68523	53.417	ug/l #	97
73) Isopropylbenzene	12.422	105	581437	52.057	ug/l	100
74) N-amyl acetate	12.234	43	89353	46.652	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	110080	49.234	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	74438m	45.707	ug/l	
77) Bromobenzene	12.698	156	147105	50.092	ug/l	99
78) n-propylbenzene	12.763	91	730726	52.917	ug/l	99
79) 2-Chlorotoluene	12.851	91	380815	50.557	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	484706	52.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	33000	48.531	ug/l	96
82) 4-Chlorotoluene	12.945	91	403644	50.330	ug/l	99
83) tert-Butylbenzene	13.169	119	410006	53.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	495683	53.888	ug/l	100
85) sec-Butylbenzene	13.345	105	627335	52.808	ug/l	99
86) p-Isopropyltoluene	13.463	119	533094	54.140	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	303593	51.282	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	300962	50.209	ug/l	99
89) n-Butylbenzene	13.787	91	491546	53.709	ug/l	99
90) Hexachloroethane	14.057	117	101119	51.147	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	260095	50.604	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13614	46.092	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	157615	52.761	ug/l	97
94) Hexachlorobutadiene	15.204	225	77312	52.931	ug/l	99
95) Naphthalene	15.334	128	280965	45.401	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	138663	52.487	ug/l	98

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

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