

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075220.D
 Acq On : 27 Jan 2023 12:05
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 01:15:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/30/2023
 Supervised By :Mahesh Dadoda 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	62237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	106672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	95612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	46145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34231	53.900	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.800%			
35) Dibromofluoromethane	7.810	113	33792	52.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.840%			
50) Toluene-d8	10.269	98	132523	52.216	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.574	95	41789	51.881	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23494	48.367	ug/l	93
3) Chloromethane	2.146	50	37103	46.150	ug/l	97
4) Vinyl Chloride	2.287	62	42142	48.851	ug/l	98
5) Bromomethane	2.687	94	27226	46.406	ug/l	99
6) Chloroethane	2.834	64	29343	49.056	ug/l	94
7) Trichlorofluoromethane	3.175	101	55947	51.022	ug/l	100
8) Diethyl Ether	3.593	74	16479	46.642	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	34626	51.152	ug/l	97
10) Methyl Iodide	4.169	142	41163	45.173	ug/l	97
11) Tert butyl alcohol	5.045	59	9148	206.477	ug/l #	79
12) 1,1-Dichloroethene	3.946	96	34171	47.951	ug/l	94
13) Acrolein	3.798	56	11296	316.846	ug/l	94
14) Allyl chloride	4.569	41	55647	48.115	ug/l	95
15) Acrylonitrile	5.257	53	39027	261.238	ug/l	98
16) Acetone	4.022	43	43494	259.666	ug/l	96
17) Carbon Disulfide	4.275	76	109116	47.208	ug/l	97
18) Methyl Acetate	4.563	43	24027	52.773	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	76120	51.134	ug/l	97
20) Methylene Chloride	4.804	84	43898	50.371	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	39403	49.668	ug/l	99
22) Diisopropyl ether	6.216	45	110585	51.373	ug/l	97
23) Vinyl Acetate	6.157	43	266360	280.757	ug/l	97
24) 1,1-Dichloroethane	6.116	63	68094	50.337	ug/l	97
25) 2-Butanone	7.087	43	53836	265.932	ug/l	99
26) 2,2-Dichloropropane	7.075	77	59288	49.165	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	42916	49.627	ug/l	100
28) Bromochloromethane	7.428	49	18324	49.613	ug/l	98
29) Tetrahydrofuran	7.445	42	30425	263.499	ug/l	99
30) Chloroform	7.598	83	68535	50.805	ug/l	92
31) Cyclohexane	7.881	56	59994	47.102	ug/l	97
32) 1,1,1-Trichloroethane	7.792	97	61975	53.326	ug/l	99
36) 1,1-Dichloropropene	8.010	75	53921	52.065	ug/l	99
37) Ethyl Acetate	7.163	43	22553	54.053	ug/l	98
38) Carbon Tetrachloride	7.992	117	48776	55.937	ug/l	95
39) Methylcyclohexane	9.275	83	64304	50.384	ug/l	98
40) Benzene	8.251	78	153576	51.998	ug/l	99

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41) Methacrylonitrile	7.398	41	14272m	56.846	ug/l	
42) 1,2-Dichloroethane	8.328	62	42645	54.969	ug/l	100
43) Isopropyl Acetate	8.363	43	41594	51.227	ug/l	99
44) Trichloroethene	9.028	130	41460	49.920	ug/l	99
45) 1,2-Dichloropropane	9.304	63	38034	52.278	ug/l	91
46) Dibromomethane	9.392	93	20497	53.421	ug/l	99
47) Bromodichloromethane	9.586	83	50715	53.278	ug/l	98
48) Methyl methacrylate	9.381	41	20469	51.553	ug/l	96
49) 1,4-Dioxane	9.381	88	3954	1079.459	ug/l	95
51) 4-Methyl-2-Pentanone	10.163	43	109251	280.197	ug/l	96
52) Toluene	10.333	92	96105	51.491	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	48289	53.620	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	58032	52.744	ug/l	100
55) 1,1,2-Trichloroethane	10.733	97	26649	52.483	ug/l	97
56) Ethyl methacrylate	10.598	69	31960	52.338	ug/l	95
57) 1,3-Dichloropropane	10.880	76	46772	53.605	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	58758	281.205	ug/l	99
59) 2-Hexanone	10.922	43	77841	276.104	ug/l	97
60) Dibromochloromethane	11.075	129	32717	53.457	ug/l	98
61) 1,2-Dibromoethane	11.180	107	25432	52.421	ug/l	97
64) Tetrachloroethene	10.810	164	33918	49.677	ug/l	96
65) Chlorobenzene	11.610	112	99701	50.889	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	35825	54.364	ug/l	95
67) Ethyl Benzene	11.686	91	183242	51.960	ug/l	99
68) m/p-Xylenes	11.798	106	140808	103.357	ug/l	100
69) o-Xylene	12.122	106	66481	52.023	ug/l	97
70) Styrene	12.139	104	111069	52.284	ug/l	98
71) Bromoform	12.304	173	18681	54.899	ug/l #	98
73) Isopropylbenzene	12.422	105	179349	49.205	ug/l	99
74) N-amyl acetate	12.239	43	38212	47.858	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.674	83	30101	51.832	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	23169m	59.284	ug/l	
77) Bromobenzene	12.704	156	39613	47.580	ug/l	98
78) n-propylbenzene	12.763	91	220962	49.332	ug/l	99
79) 2-Chlorotoluene	12.851	91	118707	48.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	147670	49.449	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8751	51.939	ug/l	92
82) 4-Chlorotoluene	12.951	91	123878	48.910	ug/l	99
83) tert-Butylbenzene	13.169	119	130586	50.538	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	145267	49.532	ug/l	99
85) sec-Butylbenzene	13.351	105	197032	50.196	ug/l	97
86) p-Isopropyltoluene	13.463	119	161408	50.227	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	78522	48.655	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	78729	49.583	ug/l	100
89) n-Butylbenzene	13.792	91	155497	49.656	ug/l	98
90) Hexachloroethane	14.057	117	27996	49.334	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	69858	50.596	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4904	55.228	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	42891	47.307	ug/l	99
94) Hexachlorobutadiene	15.210	225	21382	48.121	ug/l	98
95) Naphthalene	15.339	128	82364	45.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	35972	46.498	ug/l	96

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

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