

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075227.D
 Acq On : 27 Jan 2023 16:23
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 01:04:25 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	96645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34906	54.264	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.520%			
35) Dibromofluoromethane	7.799	113	34759	53.481	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.960%			
50) Toluene-d8	10.269	98	137096	53.574	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.575	95	43211	53.206	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	25237	51.515	ug/l	97
3) Chloromethane	2.146	50	41265	50.674	ug/l	96
4) Vinyl Chloride	2.281	62	43575	49.869	ug/l	99
5) Bromomethane	2.693	94	30073	50.607	ug/l	99
6) Chloroethane	2.834	64	31552	52.078	ug/l	100
7) Trichlorofluoromethane	3.175	101	61651	55.509	ug/l	99
8) Diethyl Ether	3.599	74	19542	54.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	38891	56.722	ug/l	97
10) Methyl Iodide	4.164	142	44740	48.474	ug/l	97
11) Tert butyl alcohol	5.046	59	10570	235.538	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	38682	53.590	ug/l	92
13) Acrolein	3.799	56	6615	169.562	ug/l	96
14) Allyl chloride	4.558	41	64017	54.648	ug/l	96
15) Acrylonitrile	5.258	53	45840	302.938	ug/l	99
16) Acetone	4.022	43	52969	312.210	ug/l	93
17) Carbon Disulfide	4.269	76	119272	50.946	ug/l	99
18) Methyl Acetate	4.564	43	26750	58.006	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	87761	58.204	ug/l	99
20) Methylene Chloride	4.799	84	47036	53.825	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	43743	54.437	ug/l	92
22) Diisopropyl ether	6.216	45	125993	57.786	ug/l	97
23) Vinyl Acetate	6.158	43	312354	325.048	ug/l	98
24) 1,1-Dichloroethane	6.116	63	78151	57.037	ug/l	97
25) 2-Butanone	7.081	43	61188	298.403	ug/l	100
26) 2,2-Dichloropropane	7.075	77	63602	52.072	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	49056	56.005	ug/l	98
28) Bromochloromethane	7.422	49	19791	52.903	ug/l	90
29) Tetrahydrofuran	7.446	42	35441	303.036	ug/l	98
30) Chloroform	7.599	83	77965	57.060	ug/l	98
31) Cyclohexane	7.875	56	65849	51.041	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	66473	56.469	ug/l	98
36) 1,1-Dichloropropene	8.010	75	58593	56.111	ug/l	100
37) Ethyl Acetate	7.163	43	26646	63.338	ug/l #	97
38) Carbon Tetrachloride	7.987	117	54920	62.465	ug/l	97
39) Methylcyclohexane	9.275	83	70279	54.613	ug/l	99
40) Benzene	8.252	78	170416	57.226	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14388	56.837	ug/l	93
42) 1,2-Dichloroethane	8.328	62	47608	60.861	ug/l	100
43) Isopropyl Acetate	8.357	43	49295	60.213	ug/l	99
44) Trichloroethene	9.028	130	45207	53.984	ug/l	98
45) 1,2-Dichloropropane	9.304	63	42939	58.535	ug/l	96
46) Dibromomethane	9.393	93	23398	60.481	ug/l	95
47) Bromodichloromethane	9.587	83	57952	60.380	ug/l	95
48) Methyl methacrylate	9.381	41	23501	58.703	ug/l	96
49) 1,4-Dioxane	9.387	88	4708	1274.740	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	125634	319.566	ug/l	97
52) Toluene	10.334	92	108156	57.472	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	54795	60.344	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	66094	59.578	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	31633	61.786	ug/l	94
56) Ethyl methacrylate	10.599	69	37284	60.555	ug/l	96
57) 1,3-Dichloropropane	10.881	76	54197	61.604	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	61511	291.961	ug/l	97
59) 2-Hexanone	10.922	43	91702	322.596	ug/l	98
60) Dibromochloromethane	11.075	129	37174	60.240	ug/l	99
61) 1,2-Dibromoethane	11.181	107	29579	60.468	ug/l	97
64) Tetrachloroethene	10.816	164	36691	53.164	ug/l	94
65) Chlorobenzene	11.610	112	112427	56.771	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	39432	59.197	ug/l	95
67) Ethyl Benzene	11.687	91	205577	57.670	ug/l	96
68) m/p-Xylenes	11.793	106	161140	117.017	ug/l	98
69) o-Xylene	12.122	106	73041	56.546	ug/l	93
70) Styrene	12.140	104	128006	59.612	ug/l	99
71) Bromoform	12.298	173	21307	61.947	ug/l #	99
73) Isopropylbenzene	12.422	105	199521	53.793	ug/l	98
74) N-amyl acetate	12.240	43	44154	54.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	33330	56.401	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	21063m	52.964	ug/l	
77) Bromobenzene	12.704	156	43743	51.633	ug/l	93
78) n-propylbenzene	12.763	91	245984	53.970	ug/l	98
79) 2-Chlorotoluene	12.851	91	133344	53.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	164618	54.172	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	10067	58.718	ug/l	92
82) 4-Chlorotoluene	12.951	91	139892	54.279	ug/l	100
83) tert-Butylbenzene	13.169	119	139476	53.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	163703	54.855	ug/l	100
85) sec-Butylbenzene	13.351	105	216438	54.188	ug/l	98
86) p-Isopropyltoluene	13.463	119	179403	54.862	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	88857	54.108	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	88215	54.598	ug/l	99
89) n-Butylbenzene	13.792	91	172412	54.107	ug/l	99
90) Hexachloroethane	14.057	117	32324	55.976	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	77872	55.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5395	59.708	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	48584	52.660	ug/l	98
94) Hexachlorobutadiene	15.204	225	23151	51.202	ug/l	98
95) Naphthalene	15.334	128	95049	51.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	42541	54.039	ug/l	97

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

