

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075133.D
 Acq On : 19 Jan 2023 10:50
 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 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:35:33 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	91675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	162091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	142746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48943	52.319	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.640%			
35) Dibromofluoromethane	7.804	113	50818	51.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.760%			
50) Toluene-d8	10.269	98	197745	51.275	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.575	95	62263	50.871	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35682	49.984	ug/l	99
3) Chloromethane	2.146	50	54059	45.649	ug/l	94
4) Vinyl Chloride	2.281	62	59166	46.561	ug/l	99
5) Bromomethane	2.687	94	39692	45.930	ug/l	99
6) Chloroethane	2.840	64	42521	48.260	ug/l	96
7) Trichlorofluoromethane	3.175	101	79522	49.234	ug/l	100
8) Diethyl Ether	3.593	74	27163	52.194	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	51232	51.381	ug/l	95
10) Methyl Iodide	4.163	142	65555	48.840	ug/l	100
11) Tert butyl alcohol	5.046	59	14666	224.727	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	52607	50.116	ug/l	97
13) Acrolein	3.799	56	12980	240.068	ug/l	93
14) Allyl chloride	4.563	41	86382	50.706	ug/l	99
15) Acrylonitrile	5.258	53	58773	267.083	ug/l	96
16) Acetone	4.016	43	72202	292.639	ug/l	98
17) Carbon Disulfide	4.275	76	170677	50.130	ug/l	100
18) Methyl Acetate	4.563	43	33853	50.479	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	115187	52.530	ug/l	99
20) Methylene Chloride	4.799	84	61510	47.461	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	59212	50.671	ug/l	98
22) Diisopropyl ether	6.216	45	163724	51.636	ug/l	95
23) Vinyl Acetate	6.152	43	370957	265.450	ug/l	98
24) 1,1-Dichloroethane	6.110	63	101204	50.790	ug/l	97
25) 2-Butanone	7.081	43	82911	278.040	ug/l	99
26) 2,2-Dichloropropane	7.081	77	86864	48.902	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	65627	51.520	ug/l	97
28) Bromochloromethane	7.428	49	26446	48.611	ug/l	100
29) Tetrahydrofuran	7.440	42	44549	261.930	ug/l	98
30) Chloroform	7.599	83	100864	50.761	ug/l	95
31) Cyclohexane	7.875	56	90228	48.092	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	86075	50.280	ug/l	99
36) 1,1-Dichloropropene	8.010	75	77884	49.491	ug/l	99
37) Ethyl Acetate	7.169	43	33543	52.907	ug/l	98
38) Carbon Tetrachloride	7.993	117	67861	51.216	ug/l	97
39) Methylcyclohexane	9.275	83	97232	50.136	ug/l	98
40) Benzene	8.251	78	227747	50.747	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20948	54.910	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	59371	50.363	ug/l	98
43) Isopropyl Acetate	8.357	43	62832	50.926	ug/l	98
44) Trichloroethene	9.028	130	62257	49.331	ug/l	98
45) 1,2-Dichloropropane	9.304	63	56054	50.704	ug/l	97
46) Dibromomethane	9.393	93	30242	51.871	ug/l	96
47) Bromodichloromethane	9.587	83	73063	50.512	ug/l	98
48) Methyl methacrylate	9.381	41	30166	50.000	ug/l	98
49) 1,4-Dioxane	9.381	88	5867	1054.088	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	155010	261.631	ug/l	99
52) Toluene	10.334	92	140983	49.710	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	69089	50.487	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	86661	51.835	ug/l	95
55) 1,1,2-Trichloroethane	10.740	97	39480	51.168	ug/l	94
56) Ethyl methacrylate	10.598	69	48556	52.330	ug/l	100
57) 1,3-Dichloropropane	10.881	76	68320	51.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	82674	260.386	ug/l	99
59) 2-Hexanone	10.922	43	116716	272.449	ug/l	98
60) Dibromochloromethane	11.075	129	46997	50.535	ug/l	100
61) 1,2-Dibromoethane	11.181	107	37184	50.440	ug/l	100
64) Tetrachloroethene	10.810	164	50322	49.367	ug/l	97
65) Chlorobenzene	11.610	112	145016	49.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	50254	51.079	ug/l	97
67) Ethyl Benzene	11.687	91	263228	49.994	ug/l	99
68) m/p-Xylenes	11.798	106	202073	99.350	ug/l	99
69) o-Xylene	12.122	106	95220	49.909	ug/l	97
70) Styrene	12.140	104	159374	50.250	ug/l	100
71) Bromoform	12.298	173	27388	53.910	ug/l #	95
73) Isopropylbenzene	12.422	105	252619	49.825	ug/l	98
74) N-amyl acetate	12.234	43	54760	49.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	40985	50.735	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	26693m	49.102	ug/l	
77) Bromobenzene	12.704	156	55250	47.708	ug/l	95
78) n-propylbenzene	12.763	91	308674	49.543	ug/l	100
79) 2-Chlorotoluene	12.851	91	168584	49.198	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	207451	49.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	11752	50.144	ug/l	95
82) 4-Chlorotoluene	12.951	91	171422	48.657	ug/l	100
83) tert-Butylbenzene	13.169	119	177486	49.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	199028	48.787	ug/l	99
85) sec-Butylbenzene	13.345	105	264612	48.464	ug/l	100
86) p-Isopropyltoluene	13.463	119	218672	48.919	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	109108	48.603	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	109637	49.639	ug/l	99
89) n-Butylbenzene	13.792	91	214677	49.284	ug/l	99
90) Hexachloroethane	14.057	117	38514	48.791	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	94287	49.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6400	51.816	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	59587	47.248	ug/l	97
94) Hexachlorobutadiene	15.210	225	29461	47.665	ug/l	97
95) Naphthalene	15.333	128	117704	46.882	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	51040	47.429	ug/l	97

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

