

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075245.D
 Acq On : 30 Jan 2023 18:34
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 00:23:25 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	57697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	86939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31840	54.080	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.160%			
35) Dibromofluoromethane	7.805	113	31643	53.641	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.280%			
50) Toluene-d8	10.269	98	121932	52.497	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.575	95	38978	52.877	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	23035	51.364	ug/l	100
3) Chloromethane	2.146	50	36852	49.445	ug/l	99
4) Vinyl Chloride	2.281	62	39027	48.799	ug/l	96
5) Bromomethane	2.687	94	24152	44.406	ug/l	99
6) Chloroethane	2.834	64	27373	49.364	ug/l	99
7) Trichlorofluoromethane	3.175	101	54948	54.054	ug/l	91
8) Diethyl Ether	3.593	74	15897	48.535	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	33423	53.260	ug/l	100
10) Methyl Iodide	4.164	142	38615	45.711	ug/l	97
11) Tert butyl alcohol	5.052	59	8467	206.144	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	32107	48.600	ug/l	97
13) Acrolein	3.799	56	6714	191.552	ug/l	97
14) Allyl chloride	4.564	41	52423	48.894	ug/l	95
15) Acrylonitrile	5.258	53	37516	270.883	ug/l	99
16) Acetone	4.017	43	41190	265.261	ug/l	98
17) Carbon Disulfide	4.270	76	98512	45.974	ug/l	98
18) Methyl Acetate	4.564	43	23097	54.722	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	73054	52.936	ug/l	98
20) Methylene Chloride	4.805	84	39888	49.186	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	36603	49.769	ug/l	96
22) Diisopropyl ether	6.216	45	106833	53.535	ug/l	98
23) Vinyl Acetate	6.158	43	221171m	251.469	ug/l	
24) 1,1-Dichloroethane	6.111	63	66591	53.100	ug/l	99
25) 2-Butanone	7.087	43	50153	267.233	ug/l	96
26) 2,2-Dichloropropane	7.075	77	54326	48.595	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	41351	51.580	ug/l	98
28) Bromochloromethane	7.428	49	17324	50.596	ug/l	95
29) Tetrahydrofuran	7.446	42	29752	277.946	ug/l	99
30) Chloroform	7.599	83	66133	52.882	ug/l	96
31) Cyclohexane	7.875	56	56636	47.965	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	59237	54.981	ug/l	100
36) 1,1-Dichloropropene	8.011	75	51141	53.958	ug/l	99
37) Ethyl Acetate	7.169	43	22101	57.880	ug/l	95
38) Carbon Tetrachloride	7.993	117	45182	56.619	ug/l	93
39) Methylcyclohexane	9.275	83	59629	51.052	ug/l	98
40) Benzene	8.252	78	145150	53.702	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10351	45.051	ug/l	90
42) 1,2-Dichloroethane	8.328	62	41318	58.195	ug/l	99
43) Isopropyl Acetate	8.363	43	41295	55.574	ug/l	96
44) Trichloroethene	9.028	130	39421	51.865	ug/l	95
45) 1,2-Dichloropropane	9.305	63	36159	54.308	ug/l	97
46) Dibromomethane	9.393	93	19637	55.924	ug/l	100
47) Bromodichloromethane	9.587	83	49965	57.356	ug/l	96
48) Methyl methacrylate	9.381	41	19648	54.073	ug/l	98
49) 1,4-Dioxane	9.381	88	3920	1169.387	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	106495	298.449	ug/l	95
52) Toluene	10.334	92	93791	54.910	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	44728	54.270	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	54651	54.276	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	26476	56.976	ug/l	95
56) Ethyl methacrylate	10.599	69	31213	55.854	ug/l	95
57) 1,3-Dichloropropane	10.881	76	44201	55.355	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	49754	260.188	ug/l	100
59) 2-Hexanone	10.922	43	73860	286.270	ug/l	96
60) Dibromochloromethane	11.075	129	32474	57.979	ug/l	100
61) 1,2-Dibromoethane	11.181	107	25151	56.648	ug/l	99
64) Tetrachloroethene	10.810	164	32343	52.096	ug/l	95
65) Chlorobenzene	11.610	112	96277	54.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	34673	57.864	ug/l	97
67) Ethyl Benzene	11.687	91	179089	55.848	ug/l	98
68) m/p-Xylenes	11.793	106	137184	110.742	ug/l	99
69) o-Xylene	12.122	106	65298	56.195	ug/l	100
70) Styrene	12.140	104	109346	56.608	ug/l	98
71) Bromoform	12.299	173	18646	60.262	ug/l #	95
73) Isopropylbenzene	12.422	105	174235	51.582	ug/l	97
74) N-amyl acetate	12.234	43	38075	51.458	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	29474	54.766	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	17700m	48.872	ug/l	
77) Bromobenzene	12.704	156	39282	50.914	ug/l	99
78) n-propylbenzene	12.763	91	212588	51.217	ug/l	100
79) 2-Chlorotoluene	12.851	91	117104	51.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	145713	52.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7610	48.739	ug/l	87
82) 4-Chlorotoluene	12.951	91	121082	51.587	ug/l	99
83) tert-Butylbenzene	13.169	119	123922	51.752	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	142469	52.420	ug/l	100
85) sec-Butylbenzene	13.346	105	192864	53.020	ug/l	98
86) p-Isopropyltoluene	13.463	119	158180	53.115	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	78640	52.582	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	76590	52.051	ug/l	99
89) n-Butylbenzene	13.787	91	152164	52.435	ug/l	98
90) Hexachloroethane	14.057	117	28300	53.813	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	67957	53.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4577	55.622	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	41750	49.690	ug/l	99
94) Hexachlorobutadiene	15.204	225	21574	52.393	ug/l	99
95) Naphthalene	15.334	128	80585	48.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	37097	51.744	ug/l	98

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

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