

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
 Data File : VD075252.D
 Acq On : 31 Jan 2023 17:36
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:41:12 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	60084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	99385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	90136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	44914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33019	53.855	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.700%			
35) Dibromofluoromethane	7.805	113	34727	57.825	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.660%			
50) Toluene-d8	10.269	98	129690	54.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.700%			
62) 4-Bromofluorobenzene	12.575	95	42564	56.718	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23196	49.548	ug/l	94
3) Chloromethane	2.146	50	39367	50.721	ug/l	92
4) Vinyl Chloride	2.281	62	41463	49.786	ug/l	99
5) Bromomethane	2.693	94	27931	49.314	ug/l	100
6) Chloroethane	2.840	64	29455	51.008	ug/l	99
7) Trichlorofluoromethane	3.170	101	56076	52.972	ug/l	96
8) Diethyl Ether	3.593	74	16741	49.082	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	34571	52.901	ug/l	98
10) Methyl Iodide	4.158	142	40807	46.387	ug/l	98
11) Tert butyl alcohol	5.046	59	8376	195.827	ug/l #	88
12) 1,1-Dichloroethene	3.934	96	33635	48.890	ug/l	97
13) Acrolein	3.799	56	9148	260.586	ug/l	97
14) Allyl chloride	4.558	41	56075	50.223	ug/l	95
15) Acrylonitrile	5.258	53	37162	257.667	ug/l	98
16) Acetone	4.017	43	43358	268.130	ug/l	99
17) Carbon Disulfide	4.270	76	100384	44.987	ug/l	98
18) Methyl Acetate	4.558	43	22355	50.860	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	75848	52.777	ug/l	96
20) Methylene Chloride	4.799	84	42741	50.880	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	38346	50.068	ug/l	96
22) Diisopropyl ether	6.211	45	112729	54.246	ug/l	99
23) Vinyl Acetate	6.152	43	273649	298.776	ug/l	96
24) 1,1-Dichloroethane	6.111	63	68041	52.100	ug/l	97
25) 2-Butanone	7.081	43	50511	258.448	ug/l	96
26) 2,2-Dichloropropane	7.075	77	59968	51.511	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	42621	51.052	ug/l	99
28) Bromochloromethane	7.416	49	17382	48.749	ug/l	97
29) Tetrahydrofuran	7.440	42	28371	254.515	ug/l	100
30) Chloroform	7.599	83	69450	53.328	ug/l	94
31) Cyclohexane	7.881	56	58395	47.490	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	61318	54.651	ug/l	98
36) 1,1-Dichloropropene	8.011	75	53099	55.030	ug/l	99
37) Ethyl Acetate	7.169	43	21930	56.414	ug/l #	96
38) Carbon Tetrachloride	7.993	117	50763	62.484	ug/l	99
39) Methylcyclohexane	9.275	83	62304	52.396	ug/l	98
40) Benzene	8.252	78	149253	54.240	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11315	48.373	ug/l	94
42) 1,2-Dichloroethane	8.328	62	42215	58.404	ug/l	100
43) Isopropyl Acetate	8.358	43	41994	55.512	ug/l #	85
44) Trichloroethene	9.028	130	40473	52.304	ug/l	97
45) 1,2-Dichloropropane	9.305	63	37416	55.199	ug/l	98
46) Dibromomethane	9.393	93	20466	57.251	ug/l	95
47) Bromodichloromethane	9.587	83	50758	57.233	ug/l #	96
48) Methyl methacrylate	9.381	41	20158	54.492	ug/l	96
49) 1,4-Dioxane	9.393	88	3458	1013.267	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	104463	287.561	ug/l	97
52) Toluene	10.334	92	96508	55.499	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	47567	56.691	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	57348	55.944	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	26675	56.386	ug/l	98
56) Ethyl methacrylate	10.599	69	31154	54.759	ug/l	95
57) 1,3-Dichloropropane	10.881	76	45799	56.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	56217	288.771	ug/l	99
59) 2-Hexanone	10.922	43	76176	290.009	ug/l	96
60) Dibromochloromethane	11.075	129	32938	57.764	ug/l	100
61) 1,2-Dibromoethane	11.181	107	24412	54.008	ug/l	100
64) Tetrachloroethene	10.810	164	32594	50.638	ug/l	97
65) Chlorobenzene	11.610	112	100405	54.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	37069	59.669	ug/l	93
67) Ethyl Benzene	11.687	91	182685	54.949	ug/l	97
68) m/p-Xylenes	11.799	106	144377	112.415	ug/l	100
69) o-Xylene	12.122	106	67812	56.288	ug/l	98
70) Styrene	12.140	104	111617	55.734	ug/l	97
71) Bromoform	12.304	173	18693	58.272	ug/l #	97
73) Isopropylbenzene	12.422	105	178683	50.366	ug/l	99
74) N-amyl acetate	12.234	43	38569	49.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	28374	50.197	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	18950m	49.817	ug/l	
77) Bromobenzene	12.704	156	39944	49.293	ug/l	97
78) n-propylbenzene	12.769	91	222032	50.930	ug/l	98
79) 2-Chlorotoluene	12.851	91	120351	50.194	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	151923	52.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	8599	52.436	ug/l	93
82) 4-Chlorotoluene	12.951	91	124755	50.607	ug/l	100
83) tert-Butylbenzene	13.169	119	126729	50.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	149897	52.512	ug/l	98
85) sec-Butylbenzene	13.351	105	198865	52.052	ug/l	98
86) p-Isopropyltoluene	13.463	119	164973	52.743	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	81907	52.144	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	80404	52.026	ug/l	99
89) n-Butylbenzene	13.793	91	159488	52.326	ug/l	98
90) Hexachloroethane	14.057	117	30579	55.362	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	69547	51.751	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.457	75	4144	47.948	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	43370	49.146	ug/l	97
94) Hexachlorobutadiene	15.210	225	22030	50.938	ug/l	96
95) Naphthalene	15.334	128	79797	45.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	36887	48.987	ug/l	97

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

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