

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012234.D
 Acq On : 18 Jan 2023 09:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:33:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86687	46.345	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.680%		
35) Dibromofluoromethane	7.716	113	83256	46.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.780%		
50) Toluene-d8	10.179	98	299254	48.510	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.020%		
62) 4-Bromofluorobenzene	12.483	95	113805	45.463	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	86130	43.946	ug/l	99
3) Chloromethane	2.113	50	85020	46.991	ug/l	97
4) Vinyl Chloride	2.253	62	99914	47.311	ug/l	98
5) Bromomethane	2.656	94	76020	46.559	ug/l	100
6) Chloroethane	2.796	64	65236	47.366	ug/l	98
7) Trichlorofluoromethane	3.131	101	194400	47.165	ug/l	98
8) Diethyl Ether	3.534	74	59188	48.259	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	100401	50.050	ug/l	96
10) Methyl Iodide	4.095	142	136788	44.870	ug/l	97
11) Tert butyl alcohol	4.954	59	52967	239.590	ug/l	100
12) 1,1-Dichloroethene	3.875	96	101691	49.370	ug/l	95
13) Acrolein	3.729	56	17291	203.632	ug/l	99
14) Allyl chloride	4.485	41	129473	50.836	ug/l #	89
15) Acrylonitrile	5.161	53	136573	254.936	ug/l	100
16) Acetone	3.948	43	180029	288.281	ug/l	99
17) Carbon Disulfide	4.198	76	310797	48.782	ug/l	100
18) Methyl Acetate	4.479	43	71214	50.962	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	284206	49.497	ug/l	95
20) Methylene Chloride	4.716	84	114142	42.447	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	114020	49.606	ug/l	94
22) Diisopropyl ether	6.119	45	260392	51.284	ug/l #	93
23) Vinyl Acetate	6.058	43	819030	258.863	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	176468	50.107	ug/l	96
25) 2-Butanone	6.984	43	194835	282.603	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	183755	48.064	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	124901	49.470	ug/l	95
28) Bromochloromethane	7.338	49	36584	47.564	ug/l #	76
29) Tetrahydrofuran	7.344	42	100576	265.584	ug/l #	85
30) Chloroform	7.509	83	203411	48.928	ug/l	98
31) Cyclohexane	7.783	56	157795	48.257	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	197324	47.943	ug/l	98
36) 1,1-Dichloropropene	7.917	75	150080	49.731	ug/l	97
37) Ethyl Acetate	7.070	43	69136	51.966	ug/l #	95
38) Carbon Tetrachloride	7.899	117	189206	48.544	ug/l	99
39) Methylcyclohexane	9.185	83	190485	51.650	ug/l	94
40) Benzene	8.161	78	436643	50.130	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	42508m	54.358	ug/l	
42) 1,2-Dichloroethane	8.240	62	134976	48.675	ug/l	100
43) Isopropyl Acetate	8.271	43	128667	51.983	ug/l #	94
44) Trichloroethene	8.941	130	129798	49.856	ug/l	97
45) 1,2-Dichloropropane	9.216	63	95245	52.404	ug/l	100
46) Dibromomethane	9.307	93	61668	50.683	ug/l	96
47) Bromodichloromethane	9.496	83	152878	49.914	ug/l	96
48) Methyl methacrylate	9.295	41	59492	52.165	ug/l	91
49) 1,4-Dioxane	9.295	88	17038	1027.646	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	350073	265.238	ug/l	94
52) Toluene	10.246	92	290810	50.144	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	160280	50.029	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	174973	50.714	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	86568	50.076	ug/l	98
56) Ethyl methacrylate	10.508	69	119586	52.729	ug/l	94
57) 1,3-Dichloropropane	10.788	76	145276	51.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	183779	244.897	ug/l	91
59) 2-Hexanone	10.831	43	283872	282.498	ug/l	94
60) Dibromochloromethane	10.983	129	115571	50.405	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83687	50.169	ug/l	99
64) Tetrachloroethene	10.721	164	146882	52.808	ug/l	98
65) Chlorobenzene	11.520	112	310891	49.848	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	118154	50.191	ug/l	98
67) Ethyl Benzene	11.593	91	559982	50.240	ug/l	99
68) m/p-Xylenes	11.703	106	442345	100.372	ug/l	99
69) o-Xylene	12.032	106	210920	50.107	ug/l	97
70) Styrene	12.044	104	354122	50.350	ug/l	99
71) Bromoform	12.209	173	75728	50.351	ug/l #	98
73) Isopropylbenzene	12.331	105	563935	51.076	ug/l	100
74) N-amyl acetate	12.142	43	112475	51.968	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	90366	51.962	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	65782m	46.722	ug/l	
77) Bromobenzene	12.611	156	133319	50.181	ug/l	93
78) n-propylbenzene	12.672	91	649782	50.293	ug/l	98
79) 2-Chlorotoluene	12.758	91	367909	50.364	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	486025	50.638	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	35360	51.747	ug/l	98
82) 4-Chlorotoluene	12.855	91	380454	49.582	ug/l	98
83) tert-Butylbenzene	13.075	119	422794	50.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	477758	50.474	ug/l	99
85) sec-Butylbenzene	13.257	105	598996	50.292	ug/l	98
86) p-Isopropyltoluene	13.373	119	520903	50.058	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	260078	49.220	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	255278	48.443	ug/l	99
89) n-Butylbenzene	13.696	91	456953	50.672	ug/l	98
90) Hexachloroethane	13.965	117	94700	50.410	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	229559	48.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18040	50.195	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	146460	48.480	ug/l	99
94) Hexachlorobutadiene	15.117	225	88244	48.515	ug/l	99
95) Naphthalene	15.239	128	299227	50.182	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	127719	49.129	ug/l	100

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

