

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014108.D
 Acq On : 09 Jun 2023 20:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

Quant Time: Jun 10 05:16:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	192544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127793	47.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.320%		
35) Dibromofluoromethane	7.722	113	106039	48.491	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.980%		
50) Toluene-d8	10.185	98	374420	45.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.600%		
62) 4-Bromofluorobenzene	12.483	95	145300	50.031	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	94456	44.018	ug/l	98
3) Chloromethane	2.113	50	123088	45.238	ug/l	99
4) Vinyl Chloride	2.253	62	119156	45.043	ug/l	97
5) Bromomethane	2.662	94	95653	43.824	ug/l	95
6) Chloroethane	2.796	64	78867	43.875	ug/l	99
7) Trichlorofluoromethane	3.131	101	192309	44.748	ug/l	100
8) Diethyl Ether	3.534	74	69459	48.403	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	96145	44.328	ug/l	97
10) Methyl Iodide	4.100	142	138990	48.530	ug/l	97
11) Tert butyl alcohol	4.972	59	69848	222.798	ug/l #	97
12) 1,1-Dichloroethene	3.881	96	99036	45.049	ug/l	99
13) Acrolein	3.735	56	32454	260.835	ug/l	98
14) Allyl chloride	4.485	41	188331	47.260	ug/l	97
15) Acrylonitrile	5.173	53	178503	241.161	ug/l	99
16) Acetone	3.960	43	156956	194.205	ug/l	99
17) Carbon Disulfide	4.204	76	319051	44.786	ug/l	99
18) Methyl Acetate	4.485	43	144724	46.134	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	324807	50.094	ug/l	100
20) Methylene Chloride	4.722	84	128516	49.794	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	114653	46.759	ug/l	98
22) Diisopropyl ether	6.125	45	390411	51.169	ug/l	99
23) Vinyl Acetate	6.070	43	1156082	256.806	ug/l	99
24) 1,1-Dichloroethane	6.027	63	214459	48.750	ug/l	99
25) 2-Butanone	6.996	43	228538	229.719	ug/l	100
26) 2,2-Dichloropropane	6.990	77	186391	45.111	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	135559	49.421	ug/l	99
28) Bromochloromethane	7.344	49	88392	49.409	ug/l	96
29) Tetrahydrofuran	7.356	42	151194	239.667	ug/l	98
30) Chloroform	7.508	83	231561	49.616	ug/l	96
31) Cyclohexane	7.789	56	156741	43.639	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	199845	47.477	ug/l	99
36) 1,1-Dichloropropene	7.923	75	153294	44.964	ug/l	99
37) Ethyl Acetate	7.082	43	112889	47.991	ug/l	99
38) Carbon Tetrachloride	7.911	117	181348	46.095	ug/l	96
39) Methylcyclohexane	9.185	83	171766	45.410	ug/l	97
40) Benzene	8.167	78	481148	47.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	52942m	44.100	ug/l	
42) 1,2-Dichloroethane	8.240	62	175205	48.873	ug/l	99
43) Isopropyl Acetate	8.277	43	198167	48.065	ug/l	99
44) Trichloroethene	8.947	130	127228	46.973	ug/l	96
45) 1,2-Dichloropropane	9.222	63	121517	47.192	ug/l	99
46) Dibromomethane	9.307	93	77269	48.749	ug/l	99
47) Bromodichloromethane	9.502	83	187504	50.523	ug/l	99
48) Methyl methacrylate	9.295	41	95596	49.713	ug/l	99
49) 1,4-Dioxane	9.313	88	19407	963.590	ug/l #	44
51) 4-Methyl-2-Pentanone	10.075	43	554022	247.342	ug/l	100
52) Toluene	10.246	92	301642	47.999	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	193623	49.559	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	206881	48.533	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	105507	50.185	ug/l	95
56) Ethyl methacrylate	10.514	69	147172	50.753	ug/l	99
57) 1,3-Dichloropropane	10.788	76	179211	49.841	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	323168	249.473	ug/l	99
59) 2-Hexanone	10.831	43	394872	244.082	ug/l	99
60) Dibromochloromethane	10.983	129	134477	49.977	ug/l	100
61) 1,2-Dibromoethane	11.093	107	103621	49.941	ug/l	98
64) Tetrachloroethene	10.721	164	114008	44.654	ug/l	98
65) Chlorobenzene	11.520	112	339653	47.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	135627	47.910	ug/l	100
67) Ethyl Benzene	11.593	91	604384	47.974	ug/l	100
68) m/p-Xylenes	11.703	106	456631	94.233	ug/l	99
69) o-Xylene	12.032	106	224020	48.898	ug/l	99
70) Styrene	12.044	104	384085	49.121	ug/l	100
71) Bromoform	12.209	173	93040	47.990	ug/l #	99
73) Isopropylbenzene	12.331	105	568484	47.908	ug/l	99
74) N-amyl acetate	12.142	43	190646	50.699	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	128253	48.370	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	103215m	50.577	ug/l	
77) Bromobenzene	12.611	156	149964	48.084	ug/l	97
78) n-propylbenzene	12.672	91	689662	47.584	ug/l	100
79) 2-Chlorotoluene	12.757	91	398018	47.727	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	490810	48.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44780	47.432	ug/l	95
82) 4-Chlorotoluene	12.855	91	418283	47.331	ug/l	100
83) tert-Butylbenzene	13.074	119	411706	47.683	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	494719	49.189	ug/l	100
85) sec-Butylbenzene	13.257	105	607217	48.372	ug/l	100
86) p-Isopropyltoluene	13.373	119	513582	47.805	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	284977	47.858	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	284580	47.433	ug/l	99
89) n-Butylbenzene	13.696	91	486166	48.790	ug/l	99
90) Hexachloroethane	13.965	117	100454	46.924	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	262157	49.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24440	48.404	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	165482	48.844	ug/l	99
94) Hexachlorobutadiene	15.111	225	90076	46.052	ug/l	97
95) Naphthalene	15.239	128	354042	51.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	149309	48.771	ug/l	100

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

