

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014488.D
 Acq On : 29 Jun 2023 09:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 30 06:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	254515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	366304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	154015	48.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.716	113	121750	53.798	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.600%		
50) Toluene-d8	10.179	98	474842	52.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.477	95	169043	52.634	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102521	43.394	ug/l	97
3) Chloromethane	2.113	50	105599	45.674	ug/l	98
4) Vinyl Chloride	2.253	62	118010	46.832	ug/l	98
5) Bromomethane	2.650	94	98075	44.297	ug/l	97
6) Chloroethane	2.790	64	81049	48.558	ug/l	96
7) Trichlorofluoromethane	3.125	101	243691	48.982	ug/l	100
8) Diethyl Ether	3.528	74	71460	47.111	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	117050	49.780	ug/l	96
10) Methyl Iodide	4.095	142	146552	47.325	ug/l	96
11) Tert butyl alcohol	4.954	59	88387	217.593	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	116650	49.750	ug/l	96
13) Acrolein	3.729	56	133348	314.567	ug/l	99
14) Allyl chloride	4.479	41	182776	48.808	ug/l	94
15) Acrylonitrile	5.161	53	204646	241.277	ug/l	99
16) Acetone	3.948	43	283349	284.958	ug/l	100
17) Carbon Disulfide	4.192	76	349266	48.135	ug/l	99
18) Methyl Acetate	4.473	43	158806	46.456	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	357962	49.635	ug/l	96
20) Methylene Chloride	4.710	84	132950	45.834	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	130913	50.778	ug/l	99
22) Diisopropyl ether	6.119	45	383299	51.506	ug/l	95
23) Vinyl Acetate	6.058	43	1006293m	264.845	ug/l	
24) 1,1-Dichloroethane	6.015	63	219457	49.661	ug/l	98
25) 2-Butanone	6.984	43	320197	258.537	ug/l	99
26) 2,2-Dichloropropane	6.978	77	231979	49.646	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	147771	50.917	ug/l	96
28) Bromochloromethane	7.332	49	97066	50.365	ug/l	86
29) Tetrahydrofuran	7.350	42	179770	243.429	ug/l	91
30) Chloroform	7.502	83	255321	51.218	ug/l	96
31) Cyclohexane	7.783	56	185544	47.536	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	241601	50.917	ug/l	98
36) 1,1-Dichloropropene	7.917	75	183868	52.723	ug/l	99
37) Ethyl Acetate	7.070	43	121304	50.471	ug/l	97
38) Carbon Tetrachloride	7.899	117	232200	52.909	ug/l	98
39) Methylcyclohexane	9.179	83	213790	53.283	ug/l	96
40) Benzene	8.161	78	524798	53.131	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	63785m	53.551	ug/l	
42) 1,2-Dichloroethane	8.234	62	193692	51.721	ug/l	99
43) Isopropyl Acetate	8.271	43	213849	50.390	ug/l	97
44) Trichloroethene	8.941	130	146937	51.813	ug/l	94
45) 1,2-Dichloropropane	9.216	63	126646	54.379	ug/l	100
46) Dibromomethane	9.301	93	84263	52.944	ug/l	97
47) Bromodichloromethane	9.496	83	198197	53.429	ug/l	98
48) Methyl methacrylate	9.295	41	100557	51.017	ug/l	94
49) 1,4-Dioxane	9.295	88	25957	1043.062	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	626960	261.756	ug/l	98
52) Toluene	10.240	92	340714	53.610	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	209461	52.082	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	220012	53.036	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	114748	53.843	ug/l	96
56) Ethyl methacrylate	10.508	69	162060	53.246	ug/l	96
57) 1,3-Dichloropropane	10.788	76	190432	53.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	384712	269.841	ug/l	94
59) 2-Hexanone	10.831	43	503217	278.811	ug/l	98
60) Dibromochloromethane	10.984	129	153755	54.386	ug/l	100
61) 1,2-Dibromoethane	11.087	107	113741	53.603	ug/l	100
64) Tetrachloroethene	10.715	164	153044	52.313	ug/l	95
65) Chlorobenzene	11.514	112	368862	52.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	151114	53.114	ug/l	98
67) Ethyl Benzene	11.593	91	669961	53.269	ug/l	98
68) m/p-Xylenes	11.703	106	526289	107.137	ug/l	98
69) o-Xylene	12.026	106	249631	53.406	ug/l	100
70) Styrene	12.044	104	431490	53.860	ug/l	99
71) Bromoform	12.209	173	110436	52.521	ug/l #	99
73) Isopropylbenzene	12.331	105	669508	52.556	ug/l	100
74) N-amyl acetate	12.142	43	202372	50.162	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	139259	51.153	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	111714m	47.074	ug/l	
77) Bromobenzene	12.605	156	170551	51.492	ug/l	94
78) n-propylbenzene	12.672	91	808396	52.600	ug/l	99
79) 2-Chlorotoluene	12.758	91	456265	51.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	576314	52.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	52725	50.581	ug/l	97
82) 4-Chlorotoluene	12.855	91	480625	51.402	ug/l	99
83) tert-Butylbenzene	13.075	119	493130	52.198	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	573666	52.535	ug/l	99
85) sec-Butylbenzene	13.251	105	718881	52.620	ug/l	99
86) p-Isopropyltoluene	13.367	119	617924	52.240	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	330877	51.791	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	331032	51.541	ug/l	99
89) n-Butylbenzene	13.696	91	560943	51.903	ug/l	99
90) Hexachloroethane	13.959	117	116509	51.776	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	303345	52.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29485	49.003	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	188432	49.729	ug/l	98
94) Hexachlorobutadiene	15.111	225	108785	47.794	ug/l	99
95) Naphthalene	15.233	128	410466	50.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	170798	49.503	ug/l	99

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

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