

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003436.D
 Acq On : 04 Sep 2020 16:49
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Quant Time: Sep 05 00:47:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	612367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1030402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	916627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	416597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	925638	145.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.32%	
35) Dibromofluoromethane	7.72	113	894682	150.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.66%	
50) Toluene-d8	10.18	98	3533716	140.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.42%	
62) 4-Bromofluorobenzene	12.48	95	1179197	139.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	618217	120.044	ug/l	99
3) Chloromethane	2.11	50	844633	114.337	ug/l	100
4) Vinyl Chloride	2.25	62	755844	123.058	ug/l	99
5) Bromomethane	2.63	94	494788	104.302	ug/l	98
6) Chloroethane	2.79	64	426765	144.333	ug/l	98
7) Trichlorofluoromethane	3.12	101	1342431	139.777	ug/l	100
8) Diethyl Ether	3.53	74	557563	140.660	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.90	101	879390	141.025	ug/l	95
10) Methyl Iodide	4.09	142	933468	229.384	ug/l	96
11) Tert butyl alcohol	4.97	59	470925	439.794	ug/l	100
12) 1,1-Dichloroethene	3.87	96	894532	140.336	ug/l	84
13) Acrolein	3.73	56	316673	602.483	ug/l	100
14) Allyl chloride	4.48	41	1711837	154.670	ug/l #	93
15) Acrylonitrile	5.17	53	1466460	699.880	ug/l	98
16) Acetone	3.95	43	1168498	636.387	ug/l	92
17) Carbon Disulfide	4.19	76	2879326	140.558	ug/l	100
18) Methyl Acetate	4.48	43	702796	145.468	ug/l	89
19) Methyl tert-butyl Ether	5.22	73	2529670	146.946	ug/l	95
20) Methylene Chloride	4.72	84	1032523	103.804	ug/l #	85
21) trans-1,2-Dichloroethene	5.22	96	1033117	141.916	ug/l	89
22) Diisopropyl ether	6.13	45	3353616	147.374	ug/l	97
23) Vinyl Acetate	6.07	43	10802088	730.599	ug/l	94
24) 1,1-Dichloroethane	6.02	63	1817809	146.899	ug/l	99
25) 2-Butanone	6.99	43	1879374	638.652	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1471353	137.610	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	1152956	141.872	ug/l	99
28) Bromochloromethane	7.34	49	850610	136.907	ug/l	99
29) Tetrahydrofuran	7.35	42	1254896	650.169	ug/l	99
30) Chloroform	7.51	83	1757620	144.222	ug/l	96
31) Cyclohexane	7.78	56	1741671	131.371	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	1503697	145.129	ug/l	99
36) 1,1-Dichloropropene	7.92	75	1409310	139.641	ug/l	99
37) Ethyl Acetate	7.08	43	835910	130.060	ug/l	100
38) Carbon Tetrachloride	7.90	117	1314515	142.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	1824844	139.815	ug/l	99
40) Benzene	8.16	78	4157099	138.151	ug/l	99
41) Methacrylonitrile	7.33	41	474712m	133.647	ug/l	
42) 1,2-Dichloroethane	8.24	62	1139706	141.696	ug/l	99
43) Isopropyl Acetate	8.28	43	1612254	138.812	ug/l	99
44) Trichloroethene	8.94	130	1117888	138.789	ug/l	97
45) 1,2-Dichloropropane	9.22	63	1090534	140.586	ug/l	97
46) Dibromomethane	9.30	93	558179	137.342	ug/l	99
47) Bromodichloromethane	9.50	83	1389723	146.367	ug/l	99
48) Methyl methacrylate	9.29	41	755191	140.458	ug/l	99
49) 1,4-Dioxane	9.30	88	153487	2736.329	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	4094306	648.548	ug/l	99
52) Toluene	10.24	92	2550000	139.606	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	1488337	145.926	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	1735611	143.986	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	808199	136.902	ug/l	98
56) Ethyl methacrylate	10.51	69	1167855	146.274	ug/l	98
57) 1,3-Dichloropropane	10.79	76	1428574	137.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	2986074	692.565	ug/l	100
59) 2-Hexanone	10.83	43	2817605	655.102	ug/l	99
60) Dibromochloromethane	10.99	129	968337	145.165	ug/l	99
61) 1,2-Dibromoethane	11.09	107	775890	140.215	ug/l	99
64) Tetrachloroethene	10.72	164	1051079	135.656	ug/l	98
65) Chlorobenzene	11.51	112	2685824	139.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	954319	142.525	ug/l	98
67) Ethyl Benzene	11.59	91	4819846	140.014	ug/l	99
68) m/p-Xylenes	11.70	106	3583894	275.931	ug/l	100
69) o-Xylene	12.03	106	1721477	140.482	ug/l	99
70) Styrene	12.04	104	2989022	147.716	ug/l	100
71) Bromoform	12.20	173	573675	143.566	ug/l	# 100
73) Isopropylbenzene	12.33	105	4547970	147.036	ug/l	100
74) N-amyl acetate	12.14	43	1379121	144.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	885332	140.825	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	595376m	130.194	ug/l	
77) Bromobenzene	12.61	156	1051108	144.614	ug/l	99
78) n-propylbenzene	12.67	91	5353728	141.822	ug/l	100
79) 2-Chlorotoluene	12.75	91	3034272	146.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	3675464	143.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	337320	144.753	ug/l	98
82) 4-Chlorotoluene	12.85	91	3173765	143.578	ug/l	100
83) tert-Butylbenzene	13.07	119	3116820	142.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	3656612	141.870	ug/l	99
85) sec-Butylbenzene	13.25	105	4412535	139.197	ug/l	100
86) p-Isopropyltoluene	13.37	119	3900864	138.415	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1937638	137.530	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1943615	137.066	ug/l	99
89) n-Butylbenzene	13.69	91	3766660	132.964	ug/l	99
90) Hexachloroethane	13.95	117	757383	147.858	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	1762532	137.448	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	136939	132.403	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.00	180	1116281	128.690	ug/l	100
94) Hexachlorobutadiene	15.11	225	566215	121.943	ug/l	100
95) Naphthalene	15.23	128	2475104	136.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	977231	126.834	ug/l	98

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

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