

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002835.D
 Acq On : 04 Jun 2020 12:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 16:27:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	514086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	462726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	137360	45.46	ug/l	0.00
Spiked Amount						
			Recovery	=	90.92%	
35) Dibromofluoromethane	7.72	113	146555	48.64	ug/l	0.00
Spiked Amount						
			Recovery	=	97.28%	
50) Toluene-d8	10.18	98	574146	47.13	ug/l	0.00
Spiked Amount						
			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.48	95	198302	47.63	ug/l	0.00
Spiked Amount						
			Recovery	=	95.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	102661	42.875	ug/l	98
3) Chloromethane	2.12	50	114233	43.131	ug/l	99
4) Vinyl Chloride	2.26	62	130839	46.739	ug/l	99
5) Bromomethane	2.65	94	90627	43.200	ug/l	99
6) Chloroethane	2.80	64	81741	45.043	ug/l	98
7) Trichlorofluoromethane	3.13	101	224283	45.237	ug/l	96
8) Diethyl Ether	3.54	74	80076	41.363	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	140644	47.778	ug/l	98
10) Methyl Iodide	4.10	142	191012	46.373	ug/l	99
11) Tert butyl alcohol	4.97	59	63748	193.409	ug/l	100
12) 1,1-Dichloroethene	3.88	96	136428	46.084	ug/l	97
13) Acrolein	3.74	56	90043	254.297	ug/l	99
14) Allyl chloride	4.48	41	202169	47.615	ug/l	99
15) Acrylonitrile	5.18	53	187069	214.194	ug/l	100
16) Acetone	3.96	43	180046	254.121	ug/l	99
17) Carbon Disulfide	4.20	76	388019	43.374	ug/l	99
18) Methyl Acetate	4.49	43	77534	43.486	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	356439	43.614	ug/l	99
20) Methylene Chloride	4.72	84	159162	45.968	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	150267	45.135	ug/l	94
22) Diisopropyl ether	6.13	45	411297	46.616	ug/l	98
23) Vinyl Acetate	6.07	43	1335407	229.244	ug/l	98
24) 1,1-Dichloroethane	6.02	63	242787	47.040	ug/l	99
25) 2-Butanone	6.99	43	242424	219.617	ug/l	98
26) 2,2-Dichloropropane	6.99	77	223186	45.088	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	168616	45.242	ug/l	100
28) Bromochloromethane	7.34	49	107201	50.595	ug/l	97
29) Tetrahydrofuran	7.35	42	148616	206.983	ug/l	99
30) Chloroform	7.51	83	251009	45.830	ug/l	97
31) Cyclohexane	7.79	56	226903	44.278	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	231071	45.275	ug/l	99
36) 1,1-Dichloropropene	7.92	75	198521	45.842	ug/l	100
37) Ethyl Acetate	7.08	43	101982	43.284	ug/l	99
38) Carbon Tetrachloride	7.91	117	213653	44.411	ug/l	96

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39) Methylcyclohexane	9.18	83	262094	45.917	ug/l	99
40) Benzene	8.16	78	581411	45.438	ug/l	98
41) Methacrylonitrile	7.32	41	56000m	44.242	ug/l	
42) 1,2-Dichloroethane	8.24	62	153448	42.790	ug/l	100
43) Isopropyl Acetate	8.27	43	192559	43.127	ug/l	99
44) Trichloroethene	8.94	130	181329	44.863	ug/l	100
45) 1,2-Dichloropropane	9.22	63	142201	46.341	ug/l	100
46) Dibromomethane	9.31	93	80160	43.986	ug/l	98
47) Bromodichloromethane	9.50	83	196417	45.719	ug/l	99
48) Methyl methacrylate	9.29	41	87509	43.416	ug/l	98
49) 1,4-Dioxane	9.30	88	22355	798.901	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	502893	212.705	ug/l	100
52) Toluene	10.24	92	376989	45.036	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	211284	45.025	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	241259	45.373	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	117570	42.140	ug/l	92
56) Ethyl methacrylate	10.51	69	161999	43.350	ug/l	99
57) 1,3-Dichloropropane	10.79	76	201695	43.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	442202	242.171	ug/l	99
59) 2-Hexanone	10.83	43	359776	214.470	ug/l	100
60) Dibromochloromethane	10.99	129	154669	43.726	ug/l	99
61) 1,2-Dibromoethane	11.09	107	120067	43.626	ug/l	99
64) Tetrachloroethene	10.72	164	185205	44.039	ug/l	99
65) Chlorobenzene	11.52	112	422342	46.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	160935	46.722	ug/l	99
67) Ethyl Benzene	11.59	91	738885	46.601	ug/l	100
68) m/p-Xylenes	11.70	106	569692	92.672	ug/l	100
69) o-Xylene	12.03	106	268629	46.288	ug/l	100
70) Styrene	12.05	104	465697	46.290	ug/l	100
71) Bromoform	12.21	173	100973	43.810	ug/l	100
73) Isopropylbenzene	12.33	105	738114	46.897	ug/l	100
74) N-amyl acetate	12.14	43	178748	44.262	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	128282	46.453	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	102128m	46.148	ug/l	
77) Bromobenzene	12.61	156	183702	44.824	ug/l	98
78) n-propylbenzene	12.67	91	854305	46.990	ug/l	99
79) 2-Chlorotoluene	12.76	91	472625	46.343	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	609752	46.399	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53440	45.494	ug/l	96
82) 4-Chlorotoluene	12.86	91	498493	46.654	ug/l	100
83) tert-Butylbenzene	13.08	119	545877	46.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	612737	46.371	ug/l	99
85) sec-Butylbenzene	13.25	105	756495	47.198	ug/l	99
86) p-Isopropyltoluene	13.37	119	703189	47.149	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	350933	45.206	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	350825	45.177	ug/l	100
89) n-Butylbenzene	13.70	91	640350	47.292	ug/l	100
90) Hexachloroethane	13.96	117	131702	47.170	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	317643	45.118	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22845	42.999	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.01	180	240880	45.393	ug/l	100
94) Hexachlorobutadiene	15.11	225	141335	46.959	ug/l	99
95) Naphthalene	15.23	128	456763	42.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	211396	44.610	ug/l	99

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

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