

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003002.D
 Acq On : 29 Jun 2020 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:08 PM

Quant Time: Jun 29 17:44:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	478532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	697402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	636024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	342069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	247485	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.72	113	227262	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.18	98	850858	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.48	95	298673	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	181775	50.158	ug/l	100
3) Chloromethane	2.12	50	239547	45.138	ug/l	100
4) Vinyl Chloride	2.26	62	257724	49.786	ug/l	100
5) Bromomethane	2.65	94	167943	47.782	ug/l	100
6) Chloroethane	2.80	64	162674	49.398	ug/l	100
7) Trichlorofluoromethane	3.13	101	366878	50.213	ug/l	100
8) Diethyl Ether	3.54	74	125061	49.929	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	217710	49.903	ug/l	100
10) Methyl Iodide	4.10	142	281994	52.128	ug/l	100
11) Tert butyl alcohol	4.96	59	119671	247.068	ug/l	100
12) 1,1-Dichloroethene	3.88	96	205959	49.618	ug/l	100
13) Acrolein	3.74	56	101691	233.757	ug/l	100
14) Allyl chloride	4.49	41	358376	49.449	ug/l	100
15) Acrylonitrile	5.18	53	328988	254.848	ug/l	100
16) Acetone	3.95	43	295348	263.484	ug/l	100
17) Carbon Disulfide	4.20	76	662628	49.963	ug/l	100
18) Methyl Acetate	4.49	43	149254	49.422	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	615599	50.878	ug/l	100
20) Methylene Chloride	4.72	84	251061	40.129	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	230093	49.005	ug/l	100
22) Diisopropyl ether	6.13	45	771774	49.685	ug/l	100
23) Vinyl Acetate	6.07	43	2654998	255.656	ug/l	100
24) 1,1-Dichloroethane	6.03	63	419149	49.398	ug/l	100
25) 2-Butanone	6.99	43	458694	257.605	ug/l	100
26) 2,2-Dichloropropane	6.99	77	375998	48.773	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	258368	49.060	ug/l	100
28) Bromochloromethane	7.35	49	199741	52.906	ug/l	100
29) Tetrahydrofuran	7.35	42	306318	258.690	ug/l	100
30) Chloroform	7.52	83	415916	49.478	ug/l	100
31) Cyclohexane	7.79	56	398509	47.674	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	377371	49.181	ug/l	100
36) 1,1-Dichloropropene	7.93	75	334660	49.818	ug/l	100
37) Ethyl Acetate	7.08	43	208652	51.659	ug/l	100
38) Carbon Tetrachloride	7.91	117	350440	50.140	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	420426	50.478	ug/l	100
40) Benzene	8.16	78	916889	49.855	ug/l	100
41) Methacrylonitrile	7.33	41	125971m	25.428	ug/l	
42) 1,2-Dichloroethane	8.24	62	294014	50.534	ug/l	100
43) Isopropyl Acetate	8.28	43	400055	52.101	ug/l	100
44) Trichloroethene	8.94	130	265724	49.710	ug/l	100
45) 1,2-Dichloropropane	9.22	63	245481	49.613	ug/l	100
46) Dibromomethane	9.31	93	138573	50.145	ug/l	100
47) Bromodichloromethane	9.50	83	338616	50.041	ug/l	100
48) Methyl methacrylate	9.30	41	180810	51.734	ug/l	100
49) 1,4-Dioxane	9.30	88	33433	991.084	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	1032906	260.268	ug/l	100
52) Toluene	10.24	92	575622	49.720	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	360401	50.800	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	409405	50.459	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	196736	51.232	ug/l	100
56) Ethyl methacrylate	10.51	69	291026	52.354	ug/l	100
57) 1,3-Dichloropropane	10.79	76	338105	50.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	777420	272.690	ug/l	100
59) 2-Hexanone	10.83	43	728503	262.625	ug/l	100
60) Dibromochloromethane	10.99	129	248704	50.608	ug/l	100
61) 1,2-Dibromoethane	11.09	107	190310	50.269	ug/l	100
64) Tetrachloroethene	10.72	164	271696	50.473	ug/l	100
65) Chlorobenzene	11.52	112	623442	49.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	246599	50.364	ug/l	100
67) Ethyl Benzene	11.59	91	1139140	49.650	ug/l	100
68) m/p-Xylenes	11.70	106	860706	100.796	ug/l	100
69) o-Xylene	12.03	106	403954	50.202	ug/l	100
70) Styrene	12.04	104	696282	50.651	ug/l	100
71) Bromoform	12.20	173	169734	51.988	ug/l	100
73) Isopropylbenzene	12.33	105	1104494	49.336	ug/l	100
74) N-amyl acetate	12.14	43	372394	51.097	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	224121	49.609	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	170891m	29.228	ug/l	
77) Bromobenzene	12.61	156	281587	49.057	ug/l	100
78) n-propylbenzene	12.67	91	1330877	49.432	ug/l	100
79) 2-Chlorotoluene	12.75	91	738740	49.157	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	930201	49.516	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	88840	51.056	ug/l	100
82) 4-Chlorotoluene	12.85	91	775522	49.565	ug/l	100
83) tert-Butylbenzene	13.08	119	820207	49.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	936988	49.498	ug/l	100
85) sec-Butylbenzene	13.25	105	1131457	49.764	ug/l	100
86) p-Isopropyltoluene	13.37	119	1051995	49.933	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	533019	49.739	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	524960	49.678	ug/l	100
89) n-Butylbenzene	13.69	91	1013096	50.259	ug/l	100
90) Hexachloroethane	13.96	117	208136	49.752	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	482320	50.164	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	41379	51.740	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	356606	49.914	ug/l	100
94) Hexachlorobutadiene	15.11	225	224085	49.725	ug/l	100
95) Naphthalene	15.23	128	672167	51.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	315700	50.888	ug/l	100

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

