

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001148.D
 Acq On : 10 Jan 2020 15:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:38:57 PM

Quant Time: Jan 10 15:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 15:28:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	392193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	345839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122393	61.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.80%	
35) Dibromofluoromethane	7.72	113	112622	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.18	98	462779	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
62) 4-Bromofluorobenzene	12.48	95	179322	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	84472	51.567	ug/l	100
3) Chloromethane	2.12	50	117034	85.783	ug/l	100
4) Vinyl Chloride	2.25	62	125194	89.465	ug/l	100
5) Bromomethane	2.65	94	69555	73.820	ug/l	100
6) Chloroethane	2.80	64	71943	78.610	ug/l	100
7) Trichlorofluoromethane	3.13	101	167693	51.870	ug/l	100
8) Diethyl Ether	3.53	74	66854	56.367	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	110338	54.118	ug/l	100
10) Methyl Iodide	4.10	142	152607	49.357	ug/l	100
11) Tert butyl alcohol	4.96	59	52831	275.453	ug/l	100
12) 1,1-Dichloroethene	3.88	96	111763	53.359	ug/l	100
13) Acrolein	3.74	56	51229	284.381	ug/l	100
14) Allyl chloride	4.49	41	190087	77.286	ug/l	100
15) Acrylonitrile	5.18	53	162515	313.140	ug/l	100
16) Acetone	3.95	43	128995	330.675	ug/l	100
17) Carbon Disulfide	4.19	76	367611	58.164	ug/l	100
18) Methyl Acetate	4.49	43	84519	69.678	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	312748	60.056	ug/l	100
20) Methylene Chloride	4.72	84	126099	51.263	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	128666	54.938	ug/l	100
22) Diisopropyl ether	6.13	45	390649	77.306	ug/l	100
23) Vinyl Acetate	6.07	43	1262908	395.192	ug/l	100
24) 1,1-Dichloroethane	6.03	63	212745	64.380	ug/l	100
25) 2-Butanone	7.00	43	208233	326.709	ug/l	100
26) 2,2-Dichloropropane	6.99	77	190760	54.268	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	141687	51.342	ug/l	100
28) Bromochloromethane	7.35	49	96072	73.811	ug/l	100
29) Tetrahydrofuran	7.36	42	143305	332.454	ug/l	100
30) Chloroform	7.52	83	210041	52.904	ug/l	100
31) Cyclohexane	7.79	56	218021	56.664	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	186229	50.890	ug/l	100
36) 1,1-Dichloropropene	7.93	75	174919	51.065	ug/l	100
37) Ethyl Acetate	7.08	43	99938	65.864	ug/l	100
38) Carbon Tetrachloride	7.91	117	161379	46.281	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	237382	50.170	ug/l	100
40) Benzene	8.17	78	509921	48.744	ug/l	100
41) Methacrylonitrile	7.32	41	48284m	64.196	ug/l	
42) 1,2-Dichloroethane	8.24	62	143439	55.845	ug/l	100
43) Isopropyl Acetate	8.28	43	195055	65.067	ug/l	100
44) Trichloroethene	8.94	130	135080	43.937	ug/l	100
45) 1,2-Dichloropropane	9.22	63	125344	52.880	ug/l	100
46) Dibromomethane	9.31	93	69162	49.897	ug/l	100
47) Bromodichloromethane	9.50	83	167554	53.084	ug/l	100
48) Methyl methacrylate	9.30	41	90589	69.354	ug/l	100
49) 1,4-Dioxane	9.30	88	17945	874.633	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	493715	341.708	ug/l	100
52) Toluene	10.24	92	328691	50.899	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	189947	56.918	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	213106	54.386	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	102089	51.323	ug/l	100
56) Ethyl methacrylate	10.51	69	156948	59.543	ug/l	100
57) 1,3-Dichloropropane	10.79	76	176945	56.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	249661	263.659	ug/l	100
59) 2-Hexanone	10.83	43	351502	363.627	ug/l	100
60) Dibromochloromethane	10.98	129	119191	52.535	ug/l	100
61) 1,2-Dibromoethane	11.09	107	99945	51.872	ug/l	100
64) Tetrachloroethene	10.72	164	111040	36.296	ug/l	100
65) Chlorobenzene	11.52	112	341337	47.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	119034	46.648	ug/l	100
67) Ethyl Benzene	11.59	91	628301	49.357	ug/l	100
68) m/p-Xylenes	11.70	106	480938	95.738	ug/l	100
69) o-Xylene	12.03	106	226967	47.596	ug/l	100
70) Styrene	12.04	104	401834	49.583	ug/l	100
71) Bromoform	12.20	173	73985	48.495	ug/l	100
73) Isopropylbenzene	12.33	105	611457	49.520	ug/l	100
74) N-amyl acetate	12.14	43	192760	74.222	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	126963	56.179	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	81847m	48.211	ug/l	
77) Bromobenzene	12.61	156	135027	45.610	ug/l	100
78) n-propylbenzene	12.67	91	739951	50.473	ug/l	100
79) 2-Chlorotoluene	12.75	91	422214	51.625	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	519502	49.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50920	58.582	ug/l #	100
82) 4-Chlorotoluene	12.85	91	454064	53.527	ug/l	100
83) tert-Butylbenzene	13.07	119	431741	48.676	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	511212	48.709	ug/l	100
85) sec-Butylbenzene	13.25	105	622751	49.919	ug/l	100
86) p-Isopropyltoluene	13.36	119	543515	48.535	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	255285	45.995	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	261046	46.626	ug/l	100
89) n-Butylbenzene	13.69	91	550007	51.604	ug/l	100
90) Hexachloroethane	13.95	117	106360	50.800	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	237640	46.611	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	22944	56.564	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	155762	44.601	ug/l	100
94) Hexachlorobutadiene	15.11	225	79400	44.957	ug/l	100
95) Naphthalene	15.23	128	362813	45.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	135900	43.651	ug/l	100

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

