

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003200.D
 Acq On : 14 Jul 2020 17:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 06:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	459873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	670383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	616088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	319423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	185074	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
35) Dibromofluoromethane	7.72	113	180614	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
50) Toluene-d8	10.18	98	664841	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.48	95	240456	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	145270	44.074	ug/l	99
3) Chloromethane	2.12	50	215221	47.075	ug/l	99
4) Vinyl Chloride	2.26	62	224562	47.872	ug/l	99
5) Bromomethane	2.65	94	174970	50.218	ug/l	97
6) Chloroethane	2.80	64	145925	47.363	ug/l	100
7) Trichlorofluoromethane	3.13	101	319121	47.637	ug/l	98
8) Diethyl Ether	3.54	74	110366	49.166	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	195883	48.416	ug/l	99
10) Methyl Iodide	4.10	142	192681	43.835	ug/l	99
11) Tert butyl alcohol	4.97	59	91727	218.547	ug/l	99
12) 1,1-Dichloroethene	3.88	96	184840	48.302	ug/l	99
13) Acrolein	3.74	56	87300	239.639	ug/l	98
14) Allyl chloride	4.49	41	293439	51.677	ug/l	99
15) Acrylonitrile	5.18	53	262293	243.244	ug/l	98
16) Acetone	3.96	43	215451	248.499	ug/l	98
17) Carbon Disulfide	4.20	76	568377	48.403	ug/l	99
18) Methyl Acetate	4.49	43	120315	49.969	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	536663	50.043	ug/l	98
20) Methylene Chloride	4.72	84	225875	51.999	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	212397	49.072	ug/l	93
22) Diisopropyl ether	6.13	45	667114	52.936	ug/l	98
23) Vinyl Acetate	6.07	43	2160800	257.248	ug/l	100
24) 1,1-Dichloroethane	6.02	63	371099	50.828	ug/l	98
25) 2-Butanone	7.00	43	358851	252.082	ug/l	97
26) 2,2-Dichloropropane	6.99	77	325336	49.480	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	238620	50.072	ug/l	99
28) Bromochloromethane	7.35	49	158641	50.187	ug/l	96
29) Tetrahydrofuran	7.35	42	238183	249.063	ug/l	98
30) Chloroform	7.52	83	378722	50.364	ug/l	100
31) Cyclohexane	7.79	56	338542	47.952	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	339072	50.087	ug/l	99
36) 1,1-Dichloropropene	7.93	75	296133	48.739	ug/l	99
37) Ethyl Acetate	7.08	43	162821	49.761	ug/l	98
38) Carbon Tetrachloride	7.91	117	304400	48.530	ug/l	98

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39) Methylcyclohexane	9.19	83	372505	48.804	ug/l	99
40) Benzene	8.16	78	825760	49.358	ug/l	98
41) Methacrylonitrile	7.32	41	82012m	41.616	ug/l	
42) 1,2-Dichloroethane	8.24	62	252434	49.012	ug/l	100
43) Isopropyl Acetate	8.28	43	317343	50.106	ug/l	99
44) Trichloroethene	8.94	130	243439	47.467	ug/l	100
45) 1,2-Dichloropropane	9.22	63	218105	50.383	ug/l	98
46) Dibromomethane	9.31	93	123059	48.671	ug/l	100
47) Bromodichloromethane	9.50	83	300113	49.908	ug/l	99
48) Methyl methacrylate	9.30	41	142952	50.488	ug/l	97
49) 1,4-Dioxane	9.30	88	30269	943.279	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	831122	252.471	ug/l	99
52) Toluene	10.24	92	525961	49.187	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	310441	49.827	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	358186	49.897	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	172473	48.139	ug/l	98
56) Ethyl methacrylate	10.51	69	249885	51.301	ug/l	97
57) 1,3-Dichloropropane	10.79	76	300170	49.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	627240	252.494	ug/l	99
59) 2-Hexanone	10.83	43	578116	251.571	ug/l	100
60) Dibromochloromethane	10.99	129	222451	49.365	ug/l	99
61) 1,2-Dibromoethane	11.09	107	169508	47.937	ug/l	100
64) Tetrachloroethene	10.72	164	258654	47.086	ug/l	99
65) Chlorobenzene	11.52	112	579907	48.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	227425	49.336	ug/l	99
67) Ethyl Benzene	11.59	91	1050007	49.549	ug/l	98
68) m/p-Xylenes	11.70	106	788592	98.076	ug/l	99
69) o-Xylene	12.03	106	372445	49.582	ug/l	99
70) Styrene	12.04	104	645343	50.221	ug/l	100
71) Bromoform	12.20	173	145193	47.990	ug/l	98
73) Isopropylbenzene	12.33	105	1012919	49.761	ug/l	100
74) N-amyl acetate	12.14	43	299441	52.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	191562	48.726	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	143226m	50.656	ug/l	
77) Bromobenzene	12.61	156	259892	50.088	ug/l	99
78) n-propylbenzene	12.67	91	1204784	50.211	ug/l	99
79) 2-Chlorotoluene	12.75	91	676666	50.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	852814	50.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71792	49.416	ug/l	99
82) 4-Chlorotoluene	12.85	91	703331	50.335	ug/l	99
83) tert-Butylbenzene	13.08	119	750649	50.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	858555	50.296	ug/l	99
85) sec-Butylbenzene	13.25	105	1030729	50.096	ug/l	99
86) p-Isopropyltoluene	13.37	119	956996	49.814	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	478581	48.774	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	481942	49.610	ug/l	99
89) n-Butylbenzene	13.69	91	907540	50.222	ug/l	99
90) Hexachloroethane	13.96	117	176933	50.573	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	426826	49.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30548	47.928	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.00	180	290168	47.368	ug/l	99
94) Hexachlorobutadiene	15.11	225	195323	46.533	ug/l	99
95) Naphthalene	15.23	128	472468	46.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	222194	45.885	ug/l	98

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

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