

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003100.D
 Acq On : 02 Jul 2020 21:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 10:43:26 AM

Quant Time: Jul 03 04:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	396485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	602474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	564705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	299721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	207664	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	7.72	113	198263	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.18	98	712693	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	254342	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	130704	43.529	ug/l	96
3) Chloromethane	2.12	50	181829	41.352	ug/l	100
4) Vinyl Chloride	2.26	62	196969	45.923	ug/l	95
5) Bromomethane	2.65	94	154286	52.980	ug/l	91
6) Chloroethane	2.80	64	135964	49.831	ug/l	97
7) Trichlorofluoromethane	3.13	101	286737	47.365	ug/l	99
8) Diethyl Ether	3.54	74	107479	51.789	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	175389	48.522	ug/l	99
10) Methyl Iodide	4.10	142	222198	49.574	ug/l	99
11) Tert butyl alcohol	4.97	59	97531	243.027	ug/l	99
12) 1,1-Dichloroethene	3.88	96	165489	48.118	ug/l	91
13) Acrolein	3.74	56	82119	227.829	ug/l	99
14) Allyl chloride	4.49	41	261531	43.554	ug/l	96
15) Acrylonitrile	5.18	53	277993	259.908	ug/l	100
16) Acetone	3.96	43	209647	225.732	ug/l	98
17) Carbon Disulfide	4.20	76	494246	44.979	ug/l	98
18) Methyl Acetate	4.49	43	127461	50.940	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	540321	53.897	ug/l	95
20) Methylene Chloride	4.73	84	232600	57.116	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	194870	50.092	ug/l	95
22) Diisopropyl ether	6.13	45	619552	48.139	ug/l	97
23) Vinyl Acetate	6.07	43	2140627	248.781	ug/l	98
24) 1,1-Dichloroethane	6.03	63	348062	49.509	ug/l	100
25) 2-Butanone	7.00	43	369535	250.479	ug/l	95
26) 2,2-Dichloropropane	6.99	77	292015	45.717	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	224260	51.396	ug/l	95
28) Bromochloromethane	7.34	49	167513	53.551	ug/l	88
29) Tetrahydrofuran	7.35	42	248082	252.864	ug/l	93
30) Chloroform	7.52	83	355524	51.046	ug/l	99
31) Cyclohexane	7.79	56	293074	42.316	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	309320	48.655	ug/l	99
36) 1,1-Dichloropropene	7.92	75	263892	45.473	ug/l	98
37) Ethyl Acetate	7.08	43	171476	49.144	ug/l	98
38) Carbon Tetrachloride	7.91	117	280309	46.425	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	323905	45.017	ug/l	96
40) Benzene	8.16	78	760369	47.859	ug/l	98
41) Methacrylonitrile	7.33	41	103757m	55.667	ug/l	
42) 1,2-Dichloroethane	8.24	62	248990	49.539	ug/l	99
43) Isopropyl Acetate	8.28	43	330752	49.863	ug/l	96
44) Trichloroethene	8.94	130	232433	50.334	ug/l	99
45) 1,2-Dichloropropane	9.22	63	207592	48.566	ug/l	98
46) Dibromomethane	9.31	93	125242	52.461	ug/l	99
47) Bromodichloromethane	9.50	83	295161	50.492	ug/l	97
48) Methyl methacrylate	9.30	41	148307	49.120	ug/l	92
49) 1,4-Dioxane	9.30	88	31437	1078.751	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	884772	258.070	ug/l	97
52) Toluene	10.24	92	489583	48.951	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	309037	50.424	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	342999	48.935	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	179483	54.103	ug/l	98
56) Ethyl methacrylate	10.51	69	255187	53.140	ug/l	96
57) 1,3-Dichloropropane	10.79	76	301108	51.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	696396	282.758	ug/l	97
59) 2-Hexanone	10.83	43	615947	257.036	ug/l	97
60) Dibromochloromethane	10.99	129	229149	53.976	ug/l	98
61) 1,2-Dibromoethane	11.09	107	176275	53.899	ug/l	100
64) Tetrachloroethene	10.72	164	236769	49.540	ug/l	97
65) Chlorobenzene	11.52	112	550383	49.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	221087	50.856	ug/l	99
67) Ethyl Benzene	11.59	91	966261	47.434	ug/l	99
68) m/p-Xylenes	11.70	106	731650	96.504	ug/l	98
69) o-Xylene	12.03	106	349941	48.982	ug/l	97
70) Styrene	12.04	104	618267	50.656	ug/l	98
71) Bromoform	12.20	173	156023	53.824	ug/l	99
73) Isopropylbenzene	12.33	105	935210	47.677	ug/l	100
74) N-amyl acetate	12.14	43	311507	48.782	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	208290	52.619	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	155918m	52.563	ug/l	
77) Bromobenzene	12.61	156	252681	50.241	ug/l	97
78) n-propylbenzene	12.67	91	1092892	46.328	ug/l	99
79) 2-Chlorotoluene	12.75	91	629682	47.820	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	779614	47.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78063	51.201	ug/l	94
82) 4-Chlorotoluene	12.86	91	655295	47.798	ug/l	99
83) tert-Butylbenzene	13.07	119	690915	47.803	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	793948	47.868	ug/l	99
85) sec-Butylbenzene	13.25	105	931716	46.769	ug/l	100
86) p-Isopropyltoluene	13.37	119	861203	46.653	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	457917	48.768	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	457841	49.449	ug/l	99
89) n-Butylbenzene	13.69	91	802325	45.427	ug/l	99
90) Hexachloroethane	13.96	117	178795	48.777	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	421237	50.001	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36602	52.233	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	306554	48.970	ug/l	99
94) Hexachlorobutadiene	15.11	225	181054	45.853	ug/l	98
95) Naphthalene	15.23	128	616159	53.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	275781	50.734	ug/l	99

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

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