

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003117.D
 Acq On : 07 Jul 2020 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:33 PM

Quant Time: Jul 08 03:55:52 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	427883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	559755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	296640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	198847	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	7.72	113	193110	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.18	98	712358	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.48	95	251360	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	156064	48.161	ug/l	99
3) Chloromethane	2.12	50	207452	43.717	ug/l	97
4) Vinyl Chloride	2.26	62	233791	50.509	ug/l	98
5) Bromomethane	2.65	94	161045	51.243	ug/l	98
6) Chloroethane	2.80	64	151808	51.555	ug/l	98
7) Trichlorofluoromethane	3.13	101	337371	51.640	ug/l	98
8) Diethyl Ether	3.54	74	112735	50.335	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	205231	52.612	ug/l	98
10) Methyl Iodide	4.10	142	264183	54.616	ug/l	99
11) Tert butyl alcohol	4.96	59	101966	235.434	ug/l	99
12) 1,1-Dichloroethene	3.88	96	192886	51.969	ug/l	92
13) Acrolein	3.74	56	88209	226.768	ug/l	98
14) Allyl chloride	4.49	41	295081	45.535	ug/l	96
15) Acrylonitrile	5.17	53	277180	240.131	ug/l	99
16) Acetone	3.96	43	223160	222.650	ug/l	99
17) Carbon Disulfide	4.20	76	574185	48.420	ug/l	100
18) Methyl Acetate	4.48	43	124972	46.280	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	547541	50.610	ug/l	96
20) Methylene Chloride	4.72	84	219777	48.999	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	215367	51.299	ug/l	95
22) Diisopropyl ether	6.12	45	663872	47.798	ug/l	96
23) Vinyl Acetate	6.07	43	2213508	238.374	ug/l	98
24) 1,1-Dichloroethane	6.02	63	380438	50.143	ug/l	97
25) 2-Butanone	6.99	43	362169	227.472	ug/l	99
26) 2,2-Dichloropropane	6.99	77	347698	50.440	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	244981	52.025	ug/l	95
28) Bromochloromethane	7.34	49	160690	47.600	ug/l	90
29) Tetrahydrofuran	7.35	42	250057	236.174	ug/l	94
30) Chloroform	7.52	83	390894	52.006	ug/l	99
31) Cyclohexane	7.79	56	340383	45.540	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	350876	51.141	ug/l	100
36) 1,1-Dichloropropene	7.93	75	306924	51.798	ug/l	98
37) Ethyl Acetate	7.08	43	168533	47.305	ug/l	97
38) Carbon Tetrachloride	7.91	117	320121	51.926	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	379758	51.691	ug/l	98
40) Benzene	8.16	78	843347	51.987	ug/l	99
41) Methacrylonitrile	7.33	41	90501m	47.554	ug/l	
42) 1,2-Dichloroethane	8.24	62	256801	50.040	ug/l	100
43) Isopropyl Acetate	8.28	43	328864	48.556	ug/l	97
44) Trichloroethene	8.94	130	258609	54.848	ug/l	99
45) 1,2-Dichloropropane	9.22	63	220315	50.481	ug/l	96
46) Dibromomethane	9.31	93	127160	52.167	ug/l	98
47) Bromodichloromethane	9.50	83	310353	51.997	ug/l	100
48) Methyl methacrylate	9.30	41	145954	47.345	ug/l	94
49) 1,4-Dioxane	9.30	88	33134	1113.550	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	860074	245.695	ug/l	97
52) Toluene	10.24	92	535515	52.440	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	323933	51.765	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	368157	51.442	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	181694	53.641	ug/l	97
56) Ethyl methacrylate	10.51	69	258438	52.708	ug/l	96
57) 1,3-Dichloropropane	10.79	76	308456	51.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	634632	252.369	ug/l	97
59) 2-Hexanone	10.83	43	591202	241.625	ug/l	98
60) Dibromochloromethane	10.99	129	229965	53.052	ug/l	100
61) 1,2-Dibromoethane	11.09	107	175545	52.569	ug/l	100
64) Tetrachloroethene	10.72	164	271593	57.329	ug/l	98
65) Chlorobenzene	11.52	112	592589	53.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	235610	54.676	ug/l	99
67) Ethyl Benzene	11.60	91	1076557	53.316	ug/l	99
68) m/p-Xylenes	11.70	106	801499	106.652	ug/l	100
69) o-Xylene	12.03	106	383611	54.170	ug/l	96
70) Styrene	12.05	104	656164	54.236	ug/l	98
71) Bromoform	12.21	173	157298	54.743	ug/l	99
73) Isopropylbenzene	12.33	105	1046190	53.889	ug/l	100
74) N-amyl acetate	12.14	43	311997	49.366	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	201585	51.454	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	157780m	53.743	ug/l	
77) Bromobenzene	12.61	156	264811	53.200	ug/l	96
78) n-propylbenzene	12.67	91	1249576	53.520	ug/l	99
79) 2-Chlorotoluene	12.76	91	690143	52.957	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	875818	53.761	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78189	51.816	ug/l #	73
82) 4-Chlorotoluene	12.86	91	722882	53.276	ug/l	98
83) tert-Butylbenzene	13.08	119	765784	53.534	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	874303	53.260	ug/l	99
85) sec-Butylbenzene	13.25	105	1072632	54.402	ug/l	100
86) p-Isopropyltoluene	13.37	119	998834	54.671	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	505576	54.403	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	496462	54.177	ug/l	99
89) n-Butylbenzene	13.70	91	951605	54.438	ug/l	99
90) Hexachloroethane	13.96	117	188482	51.954	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	445974	53.487	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36067	52.004	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	330632	53.365	ug/l	99
94) Hexachlorobutadiene	15.11	225	213901	54.734	ug/l	98
95) Naphthalene	15.23	128	592064	52.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	280306	52.102	ug/l	100

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

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