

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003102.D
 Acq On : 06 Jul 2020 10:10
 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
 7/7/2020 11:11:59 AM

Quant Time: Jul 07 07:36:12 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	460200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	664618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	602497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	209401	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.72	113	206600	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.18	98	751627	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.48	95	264361	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	163430	46.892	ug/l	98
3) Chloromethane	2.11	50	235049	46.055	ug/l	99
4) Vinyl Chloride	2.25	62	246892	49.593	ug/l	97
5) Bromomethane	2.65	94	174091	51.504	ug/l	99
6) Chloroethane	2.80	64	160026	50.530	ug/l	98
7) Trichlorofluoromethane	3.13	101	349273	49.707	ug/l	99
8) Diethyl Ether	3.54	74	118154	49.050	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	211814	50.486	ug/l	99
10) Methyl Iodide	4.10	142	260993	50.168	ug/l	99
11) Tert butyl alcohol	4.96	59	109996	236.140	ug/l	99
12) 1,1-Dichloroethene	3.88	96	198497	49.725	ug/l	95
13) Acrolein	3.74	56	87203	208.438	ug/l	98
14) Allyl chloride	4.49	41	320273	45.952	ug/l	98
15) Acrylonitrile	5.18	53	298822	240.701	ug/l	100
16) Acetone	3.95	43	325642	302.082	ug/l	100
17) Carbon Disulfide	4.20	76	603939	47.352	ug/l	99
18) Methyl Acetate	4.48	43	132809	45.729	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	580134	49.857	ug/l	98
20) Methylene Chloride	4.72	84	226168	46.533	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	224977	49.824	ug/l	94
22) Diisopropyl ether	6.13	45	712586	47.702	ug/l	96
23) Vinyl Acetate	6.07	43	2381538	238.459	ug/l	100
24) 1,1-Dichloroethane	6.03	63	397200	48.676	ug/l	98
25) 2-Butanone	6.99	43	441872	258.043	ug/l	100
26) 2,2-Dichloropropane	6.99	77	364257	49.132	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	251306	49.620	ug/l	98
28) Bromochloromethane	7.34	49	174712	48.120	ug/l	90
29) Tetrahydrofuran	7.35	42	265204	232.891	ug/l	94
30) Chloroform	7.51	83	400620	49.557	ug/l	99
31) Cyclohexane	7.79	56	364365	45.326	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	363047	49.199	ug/l	99
36) 1,1-Dichloropropene	7.92	75	317102	49.533	ug/l	99
37) Ethyl Acetate	7.08	43	180317	46.846	ug/l	99
38) Carbon Tetrachloride	7.91	117	334616	50.237	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	393379	49.560	ug/l	99
40) Benzene	8.16	78	872669	49.791	ug/l	99
41) Methacrylonitrile	7.33	41	116376m	56.599	ug/l	
42) 1,2-Dichloroethane	8.24	62	270457	48.778	ug/l	99
43) Isopropyl Acetate	8.28	43	351319	48.011	ug/l	98
44) Trichloroethene	8.94	130	261067	51.248	ug/l	99
45) 1,2-Dichloropropane	9.22	63	230751	48.937	ug/l	95
46) Dibromomethane	9.31	93	130906	49.707	ug/l	98
47) Bromodichloromethane	9.50	83	322177	49.961	ug/l	99
48) Methyl methacrylate	9.30	41	159260	47.816	ug/l	97
49) 1,4-Dioxane	9.30	88	35342	1099.354	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	926553	244.986	ug/l	98
52) Toluene	10.24	92	550136	49.863	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	339395	50.199	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	384937	49.784	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	186345	50.920	ug/l	99
56) Ethyl methacrylate	10.51	69	267666	50.527	ug/l	97
57) 1,3-Dichloropropane	10.79	76	322749	50.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	708462	260.760	ug/l	98
59) 2-Hexanone	10.83	43	701327	265.300	ug/l	100
60) Dibromochloromethane	10.99	129	238175	50.856	ug/l	99
61) 1,2-Dibromoethane	11.09	107	182541	50.596	ug/l	99
64) Tetrachloroethene	10.72	164	256935	50.387	ug/l	98
65) Chlorobenzene	11.52	112	600180	50.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	238637	51.450	ug/l	99
67) Ethyl Benzene	11.59	91	1095618	50.411	ug/l	99
68) m/p-Xylenes	11.70	106	818099	101.138	ug/l	99
69) o-Xylene	12.03	106	386703	50.732	ug/l	98
70) Styrene	12.05	104	670891	51.520	ug/l	99
71) Bromoform	12.20	173	161901	52.348	ug/l	99
73) Isopropylbenzene	12.33	105	1069538	52.406	ug/l	100
74) N-amyl acetate	12.14	43	327886	49.352	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	215312	52.279	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	165805m	53.724	ug/l	
77) Bromobenzene	12.61	156	270736	51.739	ug/l	99
78) n-propylbenzene	12.67	91	1261712	51.406	ug/l	99
79) 2-Chlorotoluene	12.75	91	707552	51.646	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	891071	52.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	82364	51.923	ug/l	95
82) 4-Chlorotoluene	12.86	91	734751	51.512	ug/l	99
83) tert-Butylbenzene	13.08	119	781986	52.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	892000	51.690	ug/l	100
85) sec-Butylbenzene	13.25	105	1080771	52.143	ug/l	100
86) p-Isopropyltoluene	13.37	119	1004244	52.288	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	506909	51.888	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	503941	52.313	ug/l	98
89) n-Butylbenzene	13.70	91	950260	51.712	ug/l	99
90) Hexachloroethane	13.96	117	197743	51.850	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	448908	51.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36297	49.785	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	328363	50.416	ug/l	99
94) Hexachlorobutadiene	15.11	225	212994	51.846	ug/l	98
95) Naphthalene	15.23	128	589772	49.576	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	280234	49.550	ug/l	99

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

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