

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000906.D
 Acq On : 09 Dec 2019 11:00
 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

anatel

Quant Time: Dec 10 06:38:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

12/10/2019 4:08:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	340946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	600237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	528044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	176545	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.72	113	176096	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.17	98	711926	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	248174	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	156950	42.764	ug/l	100
3) Chloromethane	2.12	50	192250	42.494	ug/l	99
4) Vinyl Chloride	2.25	62	196672	44.110	ug/l	99
5) Bromomethane	2.65	94	121229	44.597	ug/l	95
6) Chloroethane	2.79	64	124885	45.683	ug/l	99
7) Trichlorofluoromethane	3.13	101	297880	48.749	ug/l	96
8) Diethyl Ether	3.53	74	116548	50.676	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	188513	49.957	ug/l	98
10) Methyl Iodide	4.09	142	251707	52.980	ug/l	98
11) Tert butyl alcohol	4.96	59	85416	234.347	ug/l	100
12) 1,1-Dichloroethene	3.87	96	189932	50.807	ug/l	92
13) Acrolein	3.73	56	82682	230.285	ug/l	99
14) Allyl chloride	4.48	41	312387	48.735	ug/l	95
15) Acrylonitrile	5.17	53	289369	243.662	ug/l	98
16) Acetone	3.95	43	166971	200.910	ug/l	98
17) Carbon Disulfide	4.19	76	589546	48.761	ug/l	99
18) Methyl Acetate	4.48	43	162871	46.870	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	508351	50.918	ug/l	98
20) Methylene Chloride	4.72	84	218273	49.825	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	211754	49.836	ug/l	98
22) Diisopropyl ether	6.13	45	624042	47.368	ug/l #	97
23) Vinyl Acetate	6.07	43	1908366	238.274	ug/l	98
24) 1,1-Dichloroethane	6.02	63	362233	49.886	ug/l	99
25) 2-Butanone	6.99	43	342218	222.912	ug/l	99
26) 2,2-Dichloropropane	6.99	77	304121	49.763	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	234549	51.067	ug/l	98
28) Bromochloromethane	7.34	49	146058	54.665	ug/l	97
29) Tetrahydrofuran	7.35	42	238076	234.024	ug/l	98
30) Chloroform	7.51	83	342707	47.048	ug/l	96
31) Cyclohexane	7.79	56	354880	46.136	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	299213	49.745	ug/l	99
36) 1,1-Dichloropropene	7.93	75	289313	48.476	ug/l	100
37) Ethyl Acetate	7.08	43	156793	45.499	ug/l	99
38) Carbon Tetrachloride	7.91	117	264725	49.807	ug/l	96

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39) Methylcyclohexane	9.18	83	379963	48.053	ug/l	98
40) Benzene	8.16	78	850299	48.912	ug/l	100
41) Methacrylonitrile	7.33	41	80334m	44.230	ug/l	
42) 1,2-Dichloroethane	8.24	62	214622	46.944	ug/l	100
43) Isopropyl Acetate	8.28	43	296292	45.625	ug/l	98
44) Trichloroethene	8.94	130	223393	50.002	ug/l	97
45) 1,2-Dichloropropane	9.22	63	218600	50.062	ug/l	91
46) Dibromomethane	9.30	93	113716	49.842	ug/l	100
47) Bromodichloromethane	9.50	83	268060	50.014	ug/l	97
48) Methyl methacrylate	9.29	41	129544	45.364	ug/l	93
49) 1,4-Dioxane	9.30	88	30340	938.523	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	778879	232.131	ug/l	99
52) Toluene	10.24	92	534785	49.685	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	291687	50.656	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	340064	49.964	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	168496	49.987	ug/l	97
56) Ethyl methacrylate	10.50	69	247237	51.272	ug/l	96
57) 1,3-Dichloropropane	10.79	76	293137	49.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	471714	242.613	ug/l	100
59) 2-Hexanone	10.83	43	574457	234.955	ug/l	98
60) Dibromochloromethane	10.98	129	186935	51.516	ug/l	99
61) 1,2-Dibromoethane	11.08	107	161370	50.797	ug/l	99
64) Tetrachloroethene	10.72	164	229122	49.942	ug/l	94
65) Chlorobenzene	11.51	112	554065	50.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	191575	51.791	ug/l	99
67) Ethyl Benzene	11.59	91	1022284	50.009	ug/l	99
68) m/p-Xylenes	11.70	106	764519	99.641	ug/l	99
69) o-Xylene	12.02	106	362521	50.674	ug/l	98
70) Styrene	12.04	104	620207	50.630	ug/l	99
71) Bromoform	12.20	173	108804	52.153	ug/l #	100
73) Isopropylbenzene	12.33	105	976963	50.065	ug/l	100
74) N-amyl acetate	12.14	43	266660	49.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	186941	48.620	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	153753m	55.372	ug/l	
77) Bromobenzene	12.60	156	213565	50.489	ug/l	98
78) n-propylbenzene	12.67	91	1187593	49.843	ug/l	99
79) 2-Chlorotoluene	12.75	91	646510	49.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	804141	49.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	73050	51.676	ug/l	96
82) 4-Chlorotoluene	12.85	91	684209	50.452	ug/l	100
83) tert-Butylbenzene	13.07	119	681711	50.185	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	804137	49.746	ug/l	99
85) sec-Butylbenzene	13.25	105	1004281	50.835	ug/l	99
86) p-Isopropyltoluene	13.36	119	869567	50.606	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	415512	50.075	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	419126	51.013	ug/l	100
89) n-Butylbenzene	13.69	91	885887	50.992	ug/l	100
90) Hexachloroethane	13.95	117	167875	53.035	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	379028	50.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31723	49.282	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.00	180	263306	52.134	ug/l	99
94) Hexachlorobutadiene	15.11	225	126996	50.716	ug/l	99
95) Naphthalene	15.23	128	602760	51.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	238007	52.758	ug/l	98

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

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