

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000334.D
 Acq On : 17 Oct 2019 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 17 18:02:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	499839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	452767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	220399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	171359	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	7.73	113	153139	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.19	98	634638	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.48	95	234504	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	107030	45.291	ug/l	99
3) Chloromethane	2.11	50	155125	42.815	ug/l	98
4) Vinyl Chloride	2.25	62	168630	46.117	ug/l	96
5) Bromomethane	2.65	94	116211	42.883	ug/l	97
6) Chloroethane	2.80	64	111337	47.191	ug/l	100
7) Trichlorofluoromethane	3.13	101	238588	47.701	ug/l	98
8) Diethyl Ether	3.54	74	94236	53.332	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	151293	49.877	ug/l	98
10) Methyl Iodide	4.10	142	212260	49.148	ug/l	99
11) Tert butyl alcohol	4.97	59	78596	240.128	ug/l	99
12) 1,1-Dichloroethene	3.88	96	146766	49.010	ug/l	99
13) Acrolein	3.74	56	105448	274.794	ug/l	98
14) Allyl chloride	4.49	41	260003	52.393	ug/l	96
15) Acrylonitrile	5.18	53	258028	260.896	ug/l	98
16) Acetone	3.96	43	243843	240.748	ug/l	93
17) Carbon Disulfide	4.20	76	435070	46.144	ug/l	98
18) Methyl Acetate	4.49	43	125445	49.848	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	457114	54.834	ug/l	99
20) Methylene Chloride	4.72	84	171193	50.184	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	172216	50.126	ug/l	92
22) Diisopropyl ether	6.13	45	578284	55.096	ug/l	93
23) Vinyl Acetate	6.07	43	1866879	272.640	ug/l	99
24) 1,1-Dichloroethane	6.03	63	303198	52.923	ug/l	99
25) 2-Butanone	7.00	43	404119	283.236	ug/l	100
26) 2,2-Dichloropropane	6.99	77	275767	52.237	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	194259	52.253	ug/l	98
28) Bromochloromethane	7.35	49	136354	55.442	ug/l	99
29) Tetrahydrofuran	7.36	42	224040	259.098	ug/l	99
30) Chloroform	7.52	83	305210	52.900	ug/l	99
31) Cyclohexane	7.79	56	288631	48.236	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	264989	51.661	ug/l	99
36) 1,1-Dichloropropene	7.92	75	236763	48.381	ug/l	98
37) Ethyl Acetate	7.09	43	147461	50.889	ug/l	99
38) Carbon Tetrachloride	7.91	117	229857	48.511	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	311551	48.642	ug/l	96
40) Benzene	8.17	78	711954	50.342	ug/l	100
41) Methacrylonitrile	7.34	41	89166m	64.646	ug/l	
42) 1,2-Dichloroethane	8.25	62	207175	51.284	ug/l	99
43) Isopropyl Acetate	8.28	43	286926	52.076	ug/l	99
44) Trichloroethene	8.95	130	190781	48.078	ug/l	98
45) 1,2-Dichloropropane	9.22	63	183828	52.967	ug/l	99
46) Dibromomethane	9.31	93	99003	51.030	ug/l	97
47) Bromodichloromethane	9.50	83	242877	53.119	ug/l	98
48) Methyl methacrylate	9.30	41	128956	53.406	ug/l	98
49) 1,4-Dioxane	9.31	88	27454	943.770	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	773157	272.070	ug/l	99
52) Toluene	10.25	92	453644	50.523	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	261868	53.441	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	297837	53.522	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	146946	52.092	ug/l	97
56) Ethyl methacrylate	10.52	69	220327	54.797	ug/l	100
57) 1,3-Dichloropropane	10.80	76	258200	53.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	456180	284.446	ug/l	98
59) 2-Hexanone	10.84	43	607562	304.593	ug/l	99
60) Dibromochloromethane	10.99	129	168586	53.920	ug/l	99
61) 1,2-Dibromoethane	11.09	107	143837	53.106	ug/l	98
64) Tetrachloroethene	10.72	164	200761	46.576	ug/l	94
65) Chlorobenzene	11.52	112	482867	50.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	174027	51.846	ug/l	99
67) Ethyl Benzene	11.59	91	892811	50.403	ug/l	99
68) m/p-Xylenes	11.70	106	673662	99.483	ug/l	97
69) o-Xylene	12.03	106	325026	50.314	ug/l	99
70) Styrene	12.05	104	562686	51.648	ug/l	99
71) Bromoform	12.21	173	103096	53.429	ug/l #	99
73) Isopropylbenzene	12.33	105	869208	50.578	ug/l	99
74) N-amyl acetate	12.14	43	261470	61.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	174747	54.158	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	151110m	55.757	ug/l	
77) Bromobenzene	12.61	156	197294	51.592	ug/l	99
78) n-propylbenzene	12.67	91	1058169	51.284	ug/l	99
79) 2-Chlorotoluene	12.76	91	588826	51.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	735069	51.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67719	54.671	ug/l	99
82) 4-Chlorotoluene	12.86	91	618734	51.368	ug/l	100
83) tert-Butylbenzene	13.08	119	614061	50.320	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	737405	51.848	ug/l	99
85) sec-Butylbenzene	13.26	105	901882	51.088	ug/l	99
86) p-Isopropyltoluene	13.37	119	802303	52.130	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	380244	50.467	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	386842	51.367	ug/l	98
89) n-Butylbenzene	13.70	91	790733	51.991	ug/l	99
90) Hexachloroethane	13.96	117	150913	52.954	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	353573	51.854	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31627	51.682	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	236595	49.837	ug/l	100
94) Hexachlorobutadiene	15.11	225	121185	47.169	ug/l	98
95) Naphthalene	15.24	128	537084	50.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	213598	49.922	ug/l	100

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

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