

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000597.D
 Acq On : 07 Nov 2019 22:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:15 PM

Quant Time: Nov 08 09:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	462385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	213233	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	157090	57.35	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.73	113	134649	49.60	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	547102	53.12	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	203023	51.78	ug/l	0.00
Spiked Amount						

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	136233	52.285	ug/l	96
3) Chloromethane	2.12	50	186900	52.070	ug/l	96
4) Vinyl Chloride	2.25	62	174880	52.467	ug/l	100
5) Bromomethane	2.65	94	113872	56.971	ug/l	98
6) Chloroethane	2.80	64	115013	55.133	ug/l	95
7) Trichlorofluoromethane	3.13	101	241902	53.739	ug/l	99
8) Diethyl Ether	3.54	74	95922	59.972	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	144507	53.101	ug/l	96
10) Methyl Iodide	4.10	142	188329	52.411	ug/l	100
11) Tert butyl alcohol	4.97	59	77521	290.728	ug/l	100
12) 1,1-Dichloroethene	3.88	96	141034	53.342	ug/l	88
13) Acrolein	3.74	56	69859	300.776	ug/l	96
14) Allyl chloride	4.49	41	259126	60.272	ug/l	97
15) Acrylonitrile	5.18	53	253353	309.213	ug/l	100
16) Acetone	3.96	43	191574	253.755	ug/l	98
17) Carbon Disulfide	4.20	76	443442	53.176	ug/l	98
18) Methyl Acetate	4.49	43	147386	62.786	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	444268	60.434	ug/l	96
20) Methylene Chloride	4.72	84	171671	53.068	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	164625	55.075	ug/l	97
22) Diisopropyl ether	6.13	45	587927	62.916	ug/l	93
23) Vinyl Acetate	6.07	43	1820201	308.571	ug/l	99
24) 1,1-Dichloroethane	6.04	63	298026	58.871	ug/l	99
25) 2-Butanone	7.00	43	343867	285.399	ug/l	99
26) 2,2-Dichloropropane	6.99	77	240362	51.955	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	190950	58.422	ug/l	99
28) Bromochloromethane	7.35	49	133791	57.298	ug/l	93
29) Tetrahydrofuran	7.36	42	227475	308.612	ug/l	99
30) Chloroform	7.52	83	295855	57.771	ug/l	100
31) Cyclohexane	7.80	56	276924	52.228	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	253624	55.569	ug/l	99
36) 1,1-Dichloropropene	7.93	75	231786	53.026	ug/l	98
37) Ethyl Acetate	7.09	43	149552	57.627	ug/l	98
38) Carbon Tetrachloride	7.91	117	220049	52.317	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	293144	51.909	ug/l	97
40) Benzene	8.17	78	698304	54.490	ug/l	98
41) Methacrylonitrile	7.33	41	76251m	52.669	ug/l	
42) 1,2-Dichloroethane	8.25	62	208239	57.291	ug/l	99
43) Isopropyl Acetate	8.28	43	288777	59.236	ug/l	98
44) Trichloroethene	8.95	130	179705	53.185	ug/l	92
45) 1,2-Dichloropropane	9.22	63	181994	57.701	ug/l	93
46) Dibromomethane	9.32	93	96046	55.370	ug/l	99
47) Bromodichloromethane	9.50	83	234758	57.037	ug/l	97
48) Methyl methacrylate	9.30	41	132067	62.002	ug/l	95
49) 1,4-Dioxane	9.31	88	26699	1143.653	ug/l #	88
51) 4-Methyl-2-Pentanone	10.08	43	769279	296.796	ug/l	98
52) Toluene	10.25	92	441751	54.522	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	255117	58.010	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	290754	57.710	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	147553	58.811	ug/l	94
56) Ethyl methacrylate	10.51	69	218646	61.487	ug/l	99
57) 1,3-Dichloropropane	10.79	76	255525	58.191	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	448596	279.044	ug/l	98
59) 2-Hexanone	10.83	43	552326	292.472	ug/l	100
60) Dibromochloromethane	10.99	129	165072	57.441	ug/l	100
61) 1,2-Dibromoethane	11.09	107	139478	57.819	ug/l	97
64) Tetrachloroethene	10.72	164	182862	51.841	ug/l	98
65) Chlorobenzene	11.52	112	465874	53.865	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	165461	55.161	ug/l	99
67) Ethyl Benzene	11.59	91	864718	54.324	ug/l	99
68) m/p-Xylenes	11.70	106	649567	105.435	ug/l	94
69) o-Xylene	12.03	106	309695	53.487	ug/l	99
70) Styrene	12.04	104	548493	55.321	ug/l	99
71) Bromoform	12.20	173	98661	57.186	ug/l #	99
73) Isopropylbenzene	12.33	105	834751	52.968	ug/l	99
74) N-amyl acetate	12.14	43	278023	61.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	177594	56.914	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	152192m	62.683	ug/l	
77) Bromobenzene	12.61	156	187367	52.428	ug/l	95
78) n-propylbenzene	12.67	91	1006885	52.952	ug/l	100
79) 2-Chlorotoluene	12.75	91	570285	54.023	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	711485	54.207	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	64027	59.127	ug/l	96
82) 4-Chlorotoluene	12.85	91	608066	55.569	ug/l	98
83) tert-Butylbenzene	13.07	119	594912	53.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	712290	54.505	ug/l	98
85) sec-Butylbenzene	13.25	105	853085	53.429	ug/l	98
86) p-Isopropyltoluene	13.37	119	759500	53.372	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	368004	52.572	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	369021	52.756	ug/l	99
89) n-Butylbenzene	13.69	91	740281	52.744	ug/l	99
90) Hexachloroethane	13.96	117	142404	54.130	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	344480	54.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31354	56.775	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	222743	51.508	ug/l	98
94) Hexachlorobutadiene	15.11	225	109285	49.025	ug/l	98
95) Naphthalene	15.23	128	522803	54.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	201870	52.032	ug/l	99

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

