

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000745.D
 Acq On : 20 Nov 2019 10:51
 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
 11/22/2019 12:53:08 AM

Quant Time: Nov 21 07:46:44 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	214629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	349796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165913	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	114484	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
35) Dibromofluoromethane	7.72	113	105762	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.18	98	431497	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	
62) 4-Bromofluorobenzene	12.48	95	159300	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	96182	45.524	ug/l	98
3) Chloromethane	2.12	50	127130	43.680	ug/l	99
4) Vinyl Chloride	2.25	62	127461	47.160	ug/l	99
5) Bromomethane	2.65	94	83019	51.223	ug/l	91
6) Chloroethane	2.79	64	84651	50.043	ug/l	98
7) Trichlorofluoromethane	3.13	101	183503	50.274	ug/l	94
8) Diethyl Ether	3.53	74	62839	48.452	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	110677	50.155	ug/l	97
10) Methyl Iodide	4.09	142	132041	45.750	ug/l	100
11) Tert butyl alcohol	4.96	59	46670	215.852	ug/l	99
12) 1,1-Dichloroethene	3.87	96	105079	49.013	ug/l	90
13) Acrolein	3.74	56	37131	197.155	ug/l	99
14) Allyl chloride	4.48	41	179899	51.604	ug/l	97
15) Acrylonitrile	5.17	53	165823	249.590	ug/l	98
16) Acetone	3.95	43	171041	279.401	ug/l	99
17) Carbon Disulfide	4.19	76	313117	46.306	ug/l	99
18) Methyl Acetate	4.48	43	92034	48.351	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	295455	49.566	ug/l	99
20) Methylene Chloride	4.71	84	115878	44.176	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	118684	48.967	ug/l	97
22) Diisopropyl ether	6.12	45	404077	53.328	ug/l	97
23) Vinyl Acetate	6.07	43	1239282	259.093	ug/l	99
24) 1,1-Dichloroethane	6.02	63	210168	51.199	ug/l	99
25) 2-Butanone	6.99	43	258754	264.850	ug/l	95
26) 2,2-Dichloropropane	6.99	77	189950	50.635	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	134966	50.925	ug/l	99
28) Bromochloromethane	7.34	49	98384	52.344	ug/l	95
29) Tetrahydrofuran	7.35	42	151132	252.864	ug/l	98
30) Chloroform	7.52	83	218260	52.560	ug/l	99
31) Cyclohexane	7.79	56	203928	47.432	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	189881	51.307	ug/l	98
36) 1,1-Dichloropropene	7.93	75	168287	50.891	ug/l	100
37) Ethyl Acetate	7.08	43	92050	46.886	ug/l	98
38) Carbon Tetrachloride	7.90	117	167899	52.767	ug/l	94

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39) Methylcyclohexane	9.19	83	220289	51.564	ug/l	98
40) Benzene	8.16	78	497992	51.367	ug/l	98
41) Methacrylonitrile	7.32	41	50439m	46.054	ug/l	
42) 1,2-Dichloroethane	8.24	62	143168	52.067	ug/l	100
43) Isopropyl Acetate	8.28	43	189621	51.416	ug/l	99
44) Trichloroethene	8.94	130	133637	52.281	ug/l	93
45) 1,2-Dichloropropane	9.22	63	126971	53.214	ug/l	94
46) Dibromomethane	9.31	93	68147	51.932	ug/l	97
47) Bromodichloromethane	9.50	83	168104	53.988	ug/l	100
48) Methyl methacrylate	9.30	41	85500	53.060	ug/l	95
49) 1,4-Dioxane	9.30	88	17861	1011.332	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	506773	258.450	ug/l	99
52) Toluene	10.24	92	325473	53.101	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	180347	54.208	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	204103	53.551	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	100204	52.794	ug/l	93
56) Ethyl methacrylate	10.51	69	145931	54.247	ug/l	97
57) 1,3-Dichloropropane	10.79	76	176769	53.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	327295	269.120	ug/l	99
59) 2-Hexanone	10.83	43	379914	265.927	ug/l	99
60) Dibromochloromethane	10.99	129	113410	52.166	ug/l	99
61) 1,2-Dibromoethane	11.09	107	95671	52.425	ug/l	98
64) Tetrachloroethene	10.72	164	137164	51.681	ug/l	97
65) Chlorobenzene	11.52	112	342094	52.569	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	121772	53.955	ug/l	98
67) Ethyl Benzene	11.59	91	632332	52.797	ug/l	99
68) m/p-Xylenes	11.70	106	488951	105.480	ug/l	98
69) o-Xylene	12.03	106	232194	53.297	ug/l	96
70) Styrene	12.04	104	402511	53.956	ug/l	99
71) Bromoform	12.20	173	68266	52.588	ug/l #	100
73) Isopropylbenzene	12.33	105	631993	51.540	ug/l	99
74) N-amyl acetate	12.14	43	184983	52.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	123668	50.935	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	86306m	45.685	ug/l	
77) Bromobenzene	12.61	156	138961	49.973	ug/l	99
78) n-propylbenzene	12.67	91	770712	52.091	ug/l	100
79) 2-Chlorotoluene	12.75	91	417580	50.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	527430	51.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	43749	51.924	ug/l	99
82) 4-Chlorotoluene	12.85	91	445718	52.350	ug/l	98
83) tert-Butylbenzene	13.07	119	452069	51.843	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	533451	52.462	ug/l	99
85) sec-Butylbenzene	13.25	105	664159	53.460	ug/l	100
86) p-Isopropyltoluene	13.37	119	587139	53.027	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	283517	52.054	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	280191	51.481	ug/l	100
89) n-Butylbenzene	13.69	91	586863	53.739	ug/l	99
90) Hexachloroethane	13.96	117	107685	52.608	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	257780	52.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20610	47.964	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	171366	50.929	ug/l	96
94) Hexachlorobutadiene	15.11	225	87609	50.510	ug/l	98
95) Naphthalene	15.23	128	367139	49.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	147411	48.832	ug/l	98

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

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