

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000832.D
 Acq On : 03 Dec 2019 10:24
 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

12/4/2019 2:06:12 PM

Quant Time: Dec 03 12:06:09 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	367108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	639155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	557335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	259146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	194252	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.72	113	191498	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.18	98	794014	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.48	95	275116	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	177621	44.947	ug/l	98
3) Chloromethane	2.12	50	227697	46.743	ug/l	99
4) Vinyl Chloride	2.25	62	223862	46.630	ug/l	100
5) Bromomethane	2.64	94	135971	46.690	ug/l	98
6) Chloroethane	2.79	64	139279	47.318	ug/l	99
7) Trichlorofluoromethane	3.13	101	325696	49.502	ug/l	92
8) Diethyl Ether	3.53	74	123161	49.735	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	206043	50.712	ug/l	98
10) Methyl Iodide	4.09	142	271563	53.086	ug/l	99
11) Tert butyl alcohol	4.96	59	93757	238.900	ug/l	100
12) 1,1-Dichloroethene	3.87	96	201672	50.103	ug/l	95
13) Acrolein	3.72	56	96684	250.092	ug/l	98
14) Allyl chloride	4.48	41	348599	50.509	ug/l	97
15) Acrylonitrile	5.18	53	315375	246.636	ug/l	99
16) Acetone	3.95	43	210217	234.920	ug/l	96
17) Carbon Disulfide	4.19	76	653607	50.207	ug/l	98
18) Methyl Acetate	4.48	43	175160	46.814	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	549833	51.149	ug/l	98
20) Methylene Chloride	4.72	84	232805	49.355	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	230085	50.291	ug/l	94
22) Diisopropyl ether	6.13	45	704211	49.644	ug/l	98
23) Vinyl Acetate	6.07	43	2143511	248.561	ug/l	98
24) 1,1-Dichloroethane	6.03	63	393419	50.320	ug/l	97
25) 2-Butanone	6.99	43	412068	249.282	ug/l	99
26) 2,2-Dichloropropane	6.99	77	332956	50.599	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	251299	50.815	ug/l	99
28) Bromochloromethane	7.34	49	158501	55.079	ug/l	99
29) Tetrahydrofuran	7.35	42	264807	241.749	ug/l	99
30) Chloroform	7.52	83	373219	47.586	ug/l	96
31) Cyclohexane	7.78	56	387604	46.799	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	328519	50.725	ug/l	98
36) 1,1-Dichloropropene	7.93	75	313809	49.379	ug/l	100
37) Ethyl Acetate	7.08	43	171305	46.683	ug/l	100
38) Carbon Tetrachloride	7.91	117	283187	50.036	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	414115	49.184	ug/l	99
40) Benzene	8.16	78	925042	49.972	ug/l	99
41) Methacrylonitrile	7.33	41	91967m	47.552	ug/l	
42) 1,2-Dichloroethane	8.24	62	236145	48.507	ug/l	99
43) Isopropyl Acetate	8.28	43	327245	47.323	ug/l	97
44) Trichloroethene	8.94	130	243551	51.194	ug/l	96
45) 1,2-Dichloropropane	9.22	63	234256	50.380	ug/l	95
46) Dibromomethane	9.30	93	121722	50.103	ug/l	99
47) Bromodichloromethane	9.50	83	289663	50.754	ug/l	100
48) Methyl methacrylate	9.30	41	141787	46.628	ug/l	91
49) 1,4-Dioxane	9.30	88	32953	957.284	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	859965	240.691	ug/l	99
52) Toluene	10.24	92	570514	49.777	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	319272	52.070	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	372356	51.377	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	179389	49.978	ug/l	97
56) Ethyl methacrylate	10.51	69	267946	52.183	ug/l	97
57) 1,3-Dichloropropane	10.79	76	312629	49.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	487051	235.248	ug/l	100
59) 2-Hexanone	10.83	43	673147	258.556	ug/l	99
60) Dibromochloromethane	10.99	129	198449	51.359	ug/l	99
61) 1,2-Dibromoethane	11.09	107	174124	51.474	ug/l	96
64) Tetrachloroethene	10.72	164	249304	51.485	ug/l	98
65) Chlorobenzene	11.52	112	596721	51.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	203519	52.128	ug/l	99
67) Ethyl Benzene	11.59	91	1101014	51.030	ug/l	99
68) m/p-Xylenes	11.70	106	820536	101.321	ug/l	98
69) o-Xylene	12.03	106	393263	52.082	ug/l	98
70) Styrene	12.04	104	675390	52.237	ug/l	99
71) Bromoform	12.20	173	117208	53.229	ug/l #	99
73) Isopropylbenzene	12.33	105	1046719	50.728	ug/l	100
74) N-amyl acetate	12.14	43	284679	49.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	200126	49.224	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	150842m	51.375	ug/l	
77) Bromobenzene	12.61	156	230638	51.566	ug/l	98
78) n-propylbenzene	12.67	91	1275244	50.617	ug/l	99
79) 2-Chlorotoluene	12.75	91	705684	50.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	874334	51.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	79102	52.920	ug/l	97
82) 4-Chlorotoluene	12.85	91	730998	50.977	ug/l	99
83) tert-Butylbenzene	13.08	119	730805	50.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	871613	50.994	ug/l	100
85) sec-Butylbenzene	13.25	105	1066785	51.068	ug/l	100
86) p-Isopropyltoluene	13.37	119	932620	51.329	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	443632	50.562	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	447370	51.495	ug/l	99
89) n-Butylbenzene	13.70	91	943087	51.338	ug/l	99
90) Hexachloroethane	13.96	117	176580	52.757	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	409949	51.943	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33762	49.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	273766	51.263	ug/l	100
94) Hexachlorobutadiene	15.11	225	136716	51.634	ug/l	99
95) Naphthalene	15.23	128	629349	50.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246105	51.592	ug/l	98

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

