

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000376.D
 Acq On : 23 Oct 2019 13:05
 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
 10/24/2019 4:29:48 PM

Quant Time: Oct 24 04:52:42 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	253924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	410585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	130395	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	7.73	113	119042	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.18	98	489978	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.49	95	181684	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	87428	42.979	ug/l	99
3) Chloromethane	2.12	50	204906	66.038	ug/l	98
4) Vinyl Chloride	2.26	62	141756	45.268	ug/l	98
5) Bromomethane	2.65	94	131026	56.458	ug/l	96
6) Chloroethane	2.79	64	94407	46.724	ug/l	98
7) Trichlorofluoromethane	3.13	101	200699	46.854	ug/l	95
8) Diethyl Ether	3.54	74	75010	49.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	124906	48.082	ug/l	99
10) Methyl Iodide	4.10	142	156045	42.358	ug/l	99
11) Tert butyl alcohol	4.96	59	90346	322.311	ug/l #	93
12) 1,1-Dichloroethene	3.87	96	122563	47.791	ug/l	96
13) Acrolein	3.73	56	75960	231.141	ug/l	100
14) Allyl chloride	4.48	41	211239	49.704	ug/l	98
15) Acrylonitrile	5.18	53	202288	238.833	ug/l	98
16) Acetone	3.96	43	233460	269.145	ug/l	96
17) Carbon Disulfide	4.19	76	343577	42.550	ug/l	99
18) Methyl Acetate	4.49	43	100961	46.846	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	360945	50.558	ug/l	99
20) Methylene Chloride	4.72	84	141382	48.177	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	137915	46.873	ug/l	91
22) Diisopropyl ether	6.13	45	476067	52.963	ug/l	95
23) Vinyl Acetate	6.07	43	1439859	245.537	ug/l	100
24) 1,1-Dichloroethane	6.03	63	246025	50.144	ug/l	99
25) 2-Butanone	7.00	43	310922	254.456	ug/l	99
26) 2,2-Dichloropropane	6.99	77	226921	50.192	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	160260	50.336	ug/l	99
28) Bromochloromethane	7.34	49	111719	53.042	ug/l	97
29) Tetrahydrofuran	7.36	42	179488	242.380	ug/l	98
30) Chloroform	7.52	83	249388	50.472	ug/l	99
31) Cyclohexane	7.79	56	238257	46.494	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	223966	50.985	ug/l	94
36) 1,1-Dichloropropene	7.92	75	199431	49.611	ug/l	99
37) Ethyl Acetate	7.08	43	117665	49.434	ug/l	96
38) Carbon Tetrachloride	7.91	117	195161	50.142	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	253701	48.221	ug/l	96
40) Benzene	8.17	78	583346	50.215	ug/l	99
41) Methacrylonitrile	7.33	41	55378m	48.877	ug/l	
42) 1,2-Dichloroethane	8.25	62	168132	50.667	ug/l	99
43) Isopropyl Acetate	8.28	43	230483	50.926	ug/l	100
44) Trichloroethene	8.95	130	162760	49.933	ug/l	99
45) 1,2-Dichloropropane	9.22	63	149619	52.482	ug/l	96
46) Dibromomethane	9.31	93	80566	50.554	ug/l	97
47) Bromodichloromethane	9.50	83	196166	52.230	ug/l	96
48) Methyl methacrylate	9.30	41	100355	50.596	ug/l	99
49) 1,4-Dioxane	9.30	88	22106	925.120	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	607637	260.306	ug/l	99
52) Toluene	10.25	92	376592	51.059	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	214294	53.239	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	241672	52.869	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	118068	50.954	ug/l	98
56) Ethyl methacrylate	10.51	69	174761	52.913	ug/l	99
57) 1,3-Dichloropropane	10.80	76	210228	52.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	403138	306.016	ug/l	99
59) 2-Hexanone	10.83	43	465023	283.812	ug/l	98
60) Dibromochloromethane	10.99	129	135240	52.658	ug/l	99
61) 1,2-Dibromoethane	11.09	107	114885	51.637	ug/l	99
64) Tetrachloroethene	10.72	164	165924	47.341	ug/l	97
65) Chlorobenzene	11.52	112	401454	51.670	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	142372	52.164	ug/l	100
67) Ethyl Benzene	11.60	91	749609	52.045	ug/l	99
68) m/p-Xylenes	11.70	106	572165	103.915	ug/l	100
69) o-Xylene	12.03	106	269363	51.281	ug/l	99
70) Styrene	12.05	104	466300	52.639	ug/l	99
71) Bromoform	12.21	173	81397	51.879	ug/l #	97
73) Isopropylbenzene	12.33	105	736776	51.217	ug/l	100
74) N-amyl acetate	12.14	43	215589	61.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135888	50.312	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	110586m	48.747	ug/l	
77) Bromobenzene	12.61	156	161032	50.306	ug/l	99
78) n-propylbenzene	12.67	91	889651	51.509	ug/l	100
79) 2-Chlorotoluene	12.76	91	496782	52.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	618336	51.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56188	54.191	ug/l	95
82) 4-Chlorotoluene	12.86	91	519843	51.558	ug/l	100
83) tert-Butylbenzene	13.08	119	527604	51.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	622767	52.311	ug/l	100
85) sec-Butylbenzene	13.25	105	760763	51.482	ug/l	100
86) p-Isopropyltoluene	13.37	119	677991	52.627	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	323707	51.326	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	321654	51.024	ug/l	100
89) n-Butylbenzene	13.70	91	673258	52.883	ug/l	99
90) Hexachloroethane	13.96	117	125753	52.714	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	297741	52.165	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24535	47.897	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	199467	50.194	ug/l	97
94) Hexachlorobutadiene	15.11	225	105999	49.289	ug/l	99
95) Naphthalene	15.23	128	451305	50.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	181559	50.694	ug/l	97

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

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