

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002811.D
 Acq On : 02 Jun 2020 10:26
 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
 6/3/2020 11:31:32 AM

Quant Time: Jun 03 05:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	520473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	146781	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.72	113	151970	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	10.18	98	590129	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.48	95	204006	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	109839	45.277	ug/l	96
3) Chloromethane	2.12	50	122937	45.815	ug/l	98
4) Vinyl Chloride	2.26	62	139099	49.044	ug/l	97
5) Bromomethane	2.65	94	94946	44.672	ug/l	94
6) Chloroethane	2.80	64	86437	47.013	ug/l	99
7) Trichlorofluoromethane	3.13	101	231083	46.004	ug/l	98
8) Diethyl Ether	3.54	74	85469	43.576	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	142661	47.834	ug/l	98
10) Methyl Iodide	4.10	142	200785	48.113	ug/l	98
11) Tert butyl alcohol	4.97	59	73655	222.455	ug/l	99
12) 1,1-Dichloroethene	3.88	96	139530	46.520	ug/l	94
13) Acrolein	3.74	56	92548	257.979	ug/l	100
14) Allyl chloride	4.49	41	208886	48.559	ug/l	98
15) Acrylonitrile	5.18	53	212147	239.755	ug/l	99
16) Acetone	3.96	43	195149	271.863	ug/l	100
17) Carbon Disulfide	4.20	76	410358	45.276	ug/l	98
18) Methyl Acetate	4.49	43	88169	48.930	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	393130	47.479	ug/l	99
20) Methylene Chloride	4.72	84	157203	44.813	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	155768	46.180	ug/l	98
22) Diisopropyl ether	6.13	45	430521	48.161	ug/l	97
23) Vinyl Acetate	6.07	43	1470122	249.094	ug/l	100
24) 1,1-Dichloroethane	6.02	63	250630	47.929	ug/l	99
25) 2-Butanone	6.99	43	275498	246.340	ug/l	99
26) 2,2-Dichloropropane	6.99	77	229743	45.810	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	175191	46.396	ug/l	100
28) Bromochloromethane	7.34	49	105646	49.214	ug/l	99
29) Tetrahydrofuran	7.35	42	174357	239.681	ug/l	99
30) Chloroform	7.51	83	261298	47.090	ug/l	99
31) Cyclohexane	7.78	56	232303	44.744	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	237470	45.925	ug/l	100
36) 1,1-Dichloropropene	7.93	75	204162	46.566	ug/l	100
37) Ethyl Acetate	7.08	43	118080	49.501	ug/l	99
38) Carbon Tetrachloride	7.91	117	223233	45.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266336	46.087	ug/l	99
40) Benzene	8.16	78	603836	46.611	ug/l	100
41) Methacrylonitrile	7.32	41	62178m	48.520	ug/l	
42) 1,2-Dichloroethane	8.24	62	166124	45.756	ug/l	99
43) Isopropyl Acetate	8.28	43	219483	48.554	ug/l	99
44) Trichloroethene	8.94	130	187933	45.926	ug/l	97
45) 1,2-Dichloropropane	9.22	63	147954	47.624	ug/l	100
46) Dibromomethane	9.31	93	86698	46.990	ug/l	99
47) Bromodichloromethane	9.50	83	208511	47.938	ug/l	99
48) Methyl methacrylate	9.30	41	97829	47.941	ug/l	98
49) 1,4-Dioxane	9.30	88	24640	869.754	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	584218	244.070	ug/l	100
52) Toluene	10.24	92	392718	46.340	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	226459	47.667	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	254743	47.321	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	131698	46.624	ug/l	97
56) Ethyl methacrylate	10.51	69	183218	48.427	ug/l	100
57) 1,3-Dichloropropane	10.79	76	219612	47.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	459633	248.628	ug/l	99
59) 2-Hexanone	10.83	43	419181	246.816	ug/l	99
60) Dibromochloromethane	10.99	129	167384	46.740	ug/l	99
61) 1,2-Dibromoethane	11.09	107	131875	47.328	ug/l	100
64) Tetrachloroethene	10.72	164	195103	45.089	ug/l	99
65) Chlorobenzene	11.52	112	440207	46.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	167904	47.376	ug/l	100
67) Ethyl Benzene	11.59	91	765643	46.932	ug/l	100
68) m/p-Xylenes	11.70	106	591583	93.529	ug/l	100
69) o-Xylene	12.03	106	281889	47.209	ug/l	100
70) Styrene	12.04	104	490301	47.367	ug/l	100
71) Bromoform	12.21	173	113792	47.984	ug/l #	99
73) Isopropylbenzene	12.33	105	767114	47.538	ug/l	100
74) N-amyl acetate	12.14	43	202972	49.022	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	144374	50.992	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	111354m	49.077	ug/l	
77) Bromobenzene	12.61	156	197605	47.029	ug/l	99
78) n-propylbenzene	12.67	91	892548	47.883	ug/l	100
79) 2-Chlorotoluene	12.75	91	491632	47.019	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	638306	47.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	60248	50.026	ug/l	97
82) 4-Chlorotoluene	12.85	91	514466	46.962	ug/l	99
83) tert-Butylbenzene	13.08	119	571795	47.576	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	639468	47.201	ug/l	100
85) sec-Butylbenzene	13.25	105	773990	47.099	ug/l	100
86) p-Isopropyltoluene	13.37	119	732344	47.894	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	368917	46.352	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	369408	46.398	ug/l	100
89) n-Butylbenzene	13.70	91	658730	47.450	ug/l	100
90) Hexachloroethane	13.96	117	136680	47.747	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	336364	46.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26264	48.215	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	250666	46.073	ug/l	99
94) Hexachlorobutadiene	15.11	225	144524	46.835	ug/l	99
95) Naphthalene	15.23	128	507668	46.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	224804	46.271	ug/l	99

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

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