

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001208.D
 Acq On : 15 Jan 2020 11:19
 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
 1/16/2020 9:36:06 AM

Quant Time: Jan 16 05:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	192904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	338558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	302189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	95010	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	7.73	113	91203	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.18	98	371735	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.48	95	141539	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	74709	50.428	ug/l	98
3) Chloromethane	2.12	50	105778	49.534	ug/l	100
4) Vinyl Chloride	2.26	62	115245	53.569	ug/l	98
5) Bromomethane	2.65	94	76182	65.925	ug/l	98
6) Chloroethane	2.80	64	74103	59.622	ug/l	98
7) Trichlorofluoromethane	3.13	101	142775	47.679	ug/l	98
8) Diethyl Ether	3.54	74	56309	48.392	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	93406	48.459	ug/l	99
10) Methyl Iodide	4.10	142	133874	50.741	ug/l	99
11) Tert butyl alcohol	4.97	59	45092	219.971	ug/l	99
12) 1,1-Dichloroethene	3.88	96	97556	49.470	ug/l	97
13) Acrolein	3.74	56	39380	213.392	ug/l	100
14) Allyl chloride	4.49	41	166341	49.977	ug/l	99
15) Acrylonitrile	5.17	53	137683	236.593	ug/l	99
16) Acetone	3.96	43	131340	277.574	ug/l	97
17) Carbon Disulfide	4.20	76	320285	50.181	ug/l	100
18) Methyl Acetate	4.48	43	69415	44.371	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	261693	47.974	ug/l	100
20) Methylene Chloride	4.72	84	112528	51.160	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	113255	50.649	ug/l	95
22) Diisopropyl ether	6.13	45	340399	50.073	ug/l	99
23) Vinyl Acetate	6.07	43	1085977	249.786	ug/l	100
24) 1,1-Dichloroethane	6.03	63	190041	51.064	ug/l	98
25) 2-Butanone	7.00	43	184804	250.949	ug/l	100
26) 2,2-Dichloropropane	6.99	77	168487	49.232	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	126486	51.623	ug/l	99
28) Bromochloromethane	7.34	49	83281	54.494	ug/l	100
29) Tetrahydrofuran	7.35	42	116812	231.462	ug/l	98
30) Chloroform	7.52	83	185296	50.814	ug/l	99
31) Cyclohexane	7.79	56	184923	46.929	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	159061	49.161	ug/l	99
36) 1,1-Dichloropropene	7.93	75	151238	49.012	ug/l	100
37) Ethyl Acetate	7.08	43	78720	43.469	ug/l	99
38) Carbon Tetrachloride	7.91	117	137339	48.565	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	198219	47.382	ug/l	99
40) Benzene	8.17	78	458909	50.947	ug/l	100
41) Methacrylonitrile	7.33	41	48238m	56.706	ug/l	
42) 1,2-Dichloroethane	8.24	62	122304	48.491	ug/l	99
43) Isopropyl Acetate	8.28	43	159681	46.112	ug/l	100
44) Trichloroethene	8.94	130	118035	50.290	ug/l	98
45) 1,2-Dichloropropane	9.22	63	113432	50.939	ug/l	99
46) Dibromomethane	9.31	93	59124	48.662	ug/l	99
47) Bromodichloromethane	9.50	83	145224	49.045	ug/l	100
48) Methyl methacrylate	9.29	41	73666	45.970	ug/l	98
49) 1,4-Dioxane	9.30	88	15553	1051.125	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	397760	226.372	ug/l	99
52) Toluene	10.24	92	288133	50.153	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	160867	48.550	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	187283	50.132	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	87098	48.355	ug/l	98
56) Ethyl methacrylate	10.51	69	128515	46.643	ug/l	99
57) 1,3-Dichloropropane	10.79	76	150990	48.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	197817	204.131	ug/l	99
59) 2-Hexanone	10.83	43	288790	234.514	ug/l	99
60) Dibromochloromethane	10.98	129	101804	49.089	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81576	46.382	ug/l	98
64) Tetrachloroethene	10.72	164	95090	48.814	ug/l	98
65) Chlorobenzene	11.52	112	303958	50.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	105012	50.460	ug/l	99
67) Ethyl Benzene	11.59	91	556787	50.407	ug/l	100
68) m/p-Xylenes	11.70	106	427740	102.654	ug/l	99
69) o-Xylene	12.03	106	203790	51.011	ug/l	99
70) Styrene	12.04	104	357978	51.069	ug/l	99
71) Bromoform	12.20	173	60082	46.814	ug/l #	99
73) Isopropylbenzene	12.33	105	543092	49.506	ug/l	100
74) N-amyl acetate	12.14	43	159677	46.640	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	107796	46.704	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	69858m	44.719	ug/l	
77) Bromobenzene	12.61	156	119385	49.250	ug/l	97
78) n-propylbenzene	12.67	91	661378	50.121	ug/l	100
79) 2-Chlorotoluene	12.75	91	372909	49.208	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	462093	50.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41981	45.572	ug/l #	96
82) 4-Chlorotoluene	12.85	91	405140	50.077	ug/l	99
83) tert-Butylbenzene	13.07	119	383190	49.821	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	462175	50.845	ug/l	100
85) sec-Butylbenzene	13.25	105	558593	50.484	ug/l	99
86) p-Isopropyltoluene	13.36	119	497886	51.826	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	232038	50.615	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	236768	50.182	ug/l	99
89) n-Butylbenzene	13.69	91	491533	50.800	ug/l	100
90) Hexachloroethane	13.95	117	94264	50.217	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	216531	50.822	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17730	42.585	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	140244	49.960	ug/l	99
94) Hexachlorobutadiene	15.11	225	69945	49.459	ug/l	99
95) Naphthalene	15.23	128	302544	46.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	122091	49.350	ug/l	99

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

