

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001548.D
 Acq On : 06 Feb 2020 21:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 4:50:56 PM

Quant Time: Feb 07 05:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	201084	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	362987	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	332539	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	161651	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	116334	57.46	ug/l	0.01
Spiked Amount	50.000		Recovery	=	114.92%	
35) Dibromofluoromethane	7.75	113	104591	49.97	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.20	98	429486	54.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.50	95	161418	51.74	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	92485	46.986	ug/l	97
3) Chloromethane	2.13	50	124668	60.599	ug/l	96
4) Vinyl Chloride	2.27	62	126918	59.414	ug/l	99
5) Bromomethane	2.67	94	87535	65.158	ug/l	100
6) Chloroethane	2.82	64	81747	63.487	ug/l	99
7) Trichlorofluoromethane	3.15	101	167095	47.257	ug/l	100
8) Diethyl Ether	3.56	74	69637	58.362	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.93	101	104304	49.027	ug/l	99
10) Methyl Iodide	4.12	142	134904	49.765	ug/l	98
11) Tert butyl alcohol	5.00	59	66336	297.835	ug/l	99
12) 1,1-Dichloroethene	3.91	96	107380	50.792	ug/l	97
13) Acrolein	3.76	56	53407	278.584	ug/l	99
14) Allyl chloride	4.52	41	189941	58.730	ug/l	97
15) Acrylonitrile	5.21	53	182829	334.237	ug/l	99
16) Acetone	3.99	43	165347	282.333	ug/l	99
17) Carbon Disulfide	4.23	76	349459	51.924	ug/l	98
18) Methyl Acetate	4.52	43	82839	66.284	ug/l	96
19) Methyl tert-butyl Ether	5.27	73	319491	56.826	ug/l	100
20) Methylene Chloride	4.76	84	128144	56.496	ug/l	87
21) trans-1,2-Dichloroethene	5.26	96	124860	53.126	ug/l	98
22) Diisopropyl ether	6.16	45	410298	64.034	ug/l	92
23) Vinyl Acetate	6.11	43	1376224	337.395	ug/l	96
24) 1,1-Dichloroethane	6.06	63	216379	56.143	ug/l	97
25) 2-Butanone	7.03	43	253441	333.570	ug/l	94
26) 2,2-Dichloropropane	7.02	77	177986	48.253	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	141329	55.056	ug/l	99
28) Bromochloromethane	7.37	49	91235	69.489	ug/l	89
29) Tetrahydrofuran	7.38	42	163382	358.773	ug/l	94
30) Chloroform	7.55	83	209139	53.572	ug/l	99
31) Cyclohexane	7.82	56	207973	52.753	ug/l	92
32) 1,1,1-Trichloroethane	7.74	97	179211	50.632	ug/l	97
36) 1,1-Dichloropropene	7.95	75	168668	50.794	ug/l	98
37) Ethyl Acetate	7.11	43	108806	67.686	ug/l	96
38) Carbon Tetrachloride	7.93	117	151214	47.067	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	220505	50.432	ug/l	99
40) Benzene	8.19	78	516731	54.556	ug/l	100
41) Methacrylonitrile	7.35	41	55932m	75.074	ug/l	
42) 1,2-Dichloroethane	8.27	62	145246	55.043	ug/l	99
43) Isopropyl Acetate	8.30	43	212400	66.734	ug/l	94
44) Trichloroethene	8.97	130	128487	50.327	ug/l	96
45) 1,2-Dichloropropane	9.24	63	131233	57.379	ug/l	99
46) Dibromomethane	9.33	93	71363	55.566	ug/l	99
47) Bromodichloromethane	9.52	83	167849	53.640	ug/l	99
48) Methyl methacrylate	9.32	41	96169	66.573	ug/l	94
49) 1,4-Dioxane	9.32	88	19387	1143.034	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	549089	350.311	ug/l	95
52) Toluene	10.27	92	321453	53.489	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	187430	54.993	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	210564	53.813	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	104790	56.870	ug/l	98
56) Ethyl methacrylate	10.53	69	160874	61.383	ug/l	92
57) 1,3-Dichloropropane	10.81	76	184110	56.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	294843	305.809	ug/l	96
59) 2-Hexanone	10.85	43	397552	348.833	ug/l	96
60) Dibromochloromethane	11.00	129	117395	54.049	ug/l	100
61) 1,2-Dibromoethane	11.11	107	100933	55.614	ug/l	100
64) Tetrachloroethene	10.74	164	106368	48.774	ug/l	98
65) Chlorobenzene	11.53	112	336315	51.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	116388	50.931	ug/l	99
67) Ethyl Benzene	11.61	91	621181	51.454	ug/l	98
68) m/p-Xylenes	11.72	106	466301	102.888	ug/l	99
69) o-Xylene	12.05	106	221865	51.921	ug/l	98
70) Styrene	12.06	104	399076	54.005	ug/l	98
71) Bromoform	12.22	173	70108	55.096	ug/l #	99
73) Isopropylbenzene	12.34	105	596466	48.380	ug/l	100
74) N-amyl acetate	12.16	43	206742	64.532	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	135578	57.880	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	88310m	50.800	ug/l	
77) Bromobenzene	12.63	156	133650	50.092	ug/l	94
78) n-propylbenzene	12.69	91	726117	49.196	ug/l	100
79) 2-Chlorotoluene	12.77	91	411530	48.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	501149	48.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	49165	54.724	ug/l	98
82) 4-Chlorotoluene	12.87	91	443171	50.241	ug/l	99
83) tert-Butylbenzene	13.09	119	416750	47.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	507308	49.366	ug/l	99
85) sec-Butylbenzene	13.27	105	607300	49.216	ug/l	100
86) p-Isopropyltoluene	13.38	119	529858	48.728	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	258328	50.521	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	261404	51.030	ug/l	99
89) n-Butylbenzene	13.71	91	538273	50.170	ug/l	99
90) Hexachloroethane	13.98	117	103555	49.617	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	239142	51.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	22901	52.960	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	155370	49.756	ug/l	98
94) Hexachlorobutadiene	15.12	225	74786	47.189	ug/l	98
95) Naphthalene	15.25	128	377689	51.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	141231	51.237	ug/l	97

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

