

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001934.D
 Acq On : 11 Mar 2020 11:25
 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
 3/12/2020 2:46:10 PM

Quant Time: Mar 12 09:58:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	160696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	288705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	85182	49.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.74	113	81853	51.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.19	98	341320	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.49	95	119132	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	68627	46.265	ug/l	99
3) Chloromethane	2.13	50	98338	49.172	ug/l	100
4) Vinyl Chloride	2.26	62	102497	50.386	ug/l	100
5) Bromomethane	2.66	94	68013	58.204	ug/l	99
6) Chloroethane	2.81	64	66684	52.185	ug/l	95
7) Trichlorofluoromethane	3.14	101	141312	51.222	ug/l	97
8) Diethyl Ether	3.55	74	57450	52.836	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92632	52.204	ug/l	99
10) Methyl Iodide	4.11	142	107699	52.484	ug/l	100
11) Tert butyl alcohol	4.97	59	45836	257.415	ug/l	98
12) 1,1-Dichloroethene	3.89	96	93462	52.311	ug/l	99
13) Acrolein	3.75	56	61464	254.960	ug/l	98
14) Allyl chloride	4.50	41	169487	53.510	ug/l	100
15) Acrylonitrile	5.19	53	147989	254.702	ug/l	99
16) Acetone	3.97	43	127171	254.511	ug/l	96
17) Carbon Disulfide	4.21	76	297419	49.520	ug/l	99
18) Methyl Acetate	4.50	43	62966	49.044	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	253818	52.423	ug/l	98
20) Methylene Chloride	4.74	84	107707	50.296	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	106153	52.346	ug/l	98
22) Diisopropyl ether	6.14	45	349893	53.891	ug/l	94
23) Vinyl Acetate	6.08	43	1133251	266.251	ug/l	99
24) 1,1-Dichloroethane	6.04	63	185501	52.760	ug/l	99
25) 2-Butanone	7.01	43	194556	256.043	ug/l	100
26) 2,2-Dichloropropane	7.00	77	153550	53.209	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	116998	53.039	ug/l	99
28) Bromochloromethane	7.36	49	82695	52.181	ug/l	100
29) Tetrahydrofuran	7.36	42	125802	249.313	ug/l	99
30) Chloroform	7.52	83	175579	53.152	ug/l	100
31) Cyclohexane	7.80	56	187816	49.821	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	148267	53.254	ug/l	99
36) 1,1-Dichloropropene	7.94	75	146938	52.889	ug/l	99
37) Ethyl Acetate	7.10	43	86472	53.553	ug/l	99
38) Carbon Tetrachloride	7.92	117	127301	53.639	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	192768	52.314	ug/l	99
40) Benzene	8.17	78	440804	53.530	ug/l	100
41) Methacrylonitrile	7.33	41	34899m	48.025	ug/l	
42) 1,2-Dichloroethane	8.25	62	112231	52.891	ug/l	99
43) Isopropyl Acetate	8.29	43	160845	52.614	ug/l	99
44) Trichloroethene	8.95	130	106400	53.054	ug/l	97
45) 1,2-Dichloropropane	9.23	63	111854	54.035	ug/l	99
46) Dibromomethane	9.31	93	56362	52.835	ug/l	100
47) Bromodichloromethane	9.50	83	136837	55.144	ug/l	99
48) Methyl methacrylate	9.30	41	71555	52.749	ug/l	96
49) 1,4-Dioxane	9.30	88	13847	947.319	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	413972	262.903	ug/l	99
52) Toluene	10.25	92	268831	53.741	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	150304	55.596	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	177103	55.028	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	82340	52.743	ug/l	99
56) Ethyl methacrylate	10.52	69	122185	53.396	ug/l	97
57) 1,3-Dichloropropane	10.80	76	147999	53.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	192326	239.014	ug/l	99
59) 2-Hexanone	10.84	43	290697	258.652	ug/l	99
60) Dibromochloromethane	10.99	129	90984	55.308	ug/l	99
61) 1,2-Dibromoethane	11.10	107	77961	52.719	ug/l	100
64) Tetrachloroethene	10.73	164	85492	51.747	ug/l	94
65) Chlorobenzene	11.52	112	274078	52.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	92666	53.832	ug/l	100
67) Ethyl Benzene	11.60	91	518401	52.953	ug/l	100
68) m/p-Xylenes	11.71	106	388349	107.296	ug/l	98
69) o-Xylene	12.03	106	180978	53.051	ug/l	100
70) Styrene	12.05	104	314681	53.858	ug/l	99
71) Bromoform	12.22	173	50294	53.874	ug/l	# 100
73) Isopropylbenzene	12.34	105	487960	53.038	ug/l	99
74) N-amyl acetate	12.15	43	146671	51.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	102953	51.892	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	74107m	51.822	ug/l	
77) Bromobenzene	12.61	156	104886	53.809	ug/l	97
78) n-propylbenzene	12.68	91	610857	53.819	ug/l	100
79) 2-Chlorotoluene	12.77	91	334631	53.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	406933	53.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	37906	53.543	ug/l	99
82) 4-Chlorotoluene	12.86	91	348759	53.416	ug/l	99
83) tert-Butylbenzene	13.08	119	340838	54.181	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	404423	53.805	ug/l	100
85) sec-Butylbenzene	13.26	105	508403	54.830	ug/l	100
86) p-Isopropyltoluene	13.38	119	435463	54.442	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	203470	53.269	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	204902	52.878	ug/l	99
89) n-Butylbenzene	13.70	91	451579	54.416	ug/l	98
90) Hexachloroethane	13.97	117	83752	55.503	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	186175	53.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15684	50.661	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	117388	52.163	ug/l	98
94) Hexachlorobutadiene	15.12	225	58618	53.427	ug/l	99
95) Naphthalene	15.25	128	273262	51.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	103535	52.225	ug/l	98

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

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