

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003408.D
 Acq On : 03 Aug 2020 11:39
 Operator : SY/MD
 Sample : VY0803SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:51:12 PM

Quant Time: Aug 04 01:54:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	472759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	695450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	637491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	341578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	233692	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
35) Dibromofluoromethane	7.72	113	216000	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.18	98	853569	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.48	95	290092	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	85556	22.101	ug/l	97
3) Chloromethane	2.12	50	108111	20.391	ug/l	96
4) Vinyl Chloride	2.25	62	111150	20.884	ug/l	99
5) Bromomethane	2.64	94	87454	22.243	ug/l	97
6) Chloroethane	2.79	64	69171	20.719	ug/l	95
7) Trichlorofluoromethane	3.13	101	151629	21.098	ug/l	100
8) Diethyl Ether	3.53	74	52131	20.831	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	91340	21.277	ug/l	99
10) Methyl Iodide	4.09	142	88600	17.778	ug/l	99
11) Tert butyl alcohol	4.96	59	47181	102.312	ug/l	98
12) 1,1-Dichloroethene	3.88	96	87182	20.935	ug/l	97
13) Acrolein	3.73	56	45024	95.169	ug/l	97
14) Allyl chloride	4.48	41	146149	20.953	ug/l	98
15) Acrylonitrile	5.17	53	127080	102.346	ug/l	98
16) Acetone	3.96	43	102801	92.561	ug/l	99
17) Carbon Disulfide	4.20	76	284722	20.973	ug/l	100
18) Methyl Acetate	4.48	43	57388	19.585	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	236996	20.587	ug/l	99
20) Methylene Chloride	4.72	84	124852	16.436	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	98072	20.832	ug/l	99
22) Diisopropyl ether	6.13	45	309120	21.094	ug/l	98
23) Vinyl Acetate	6.07	43	986613	102.770	ug/l	100
24) 1,1-Dichloroethane	6.02	63	170286	20.736	ug/l	99
25) 2-Butanone	6.99	43	164655	97.285	ug/l	98
26) 2,2-Dichloropropane	6.99	77	153081	20.891	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	106077	20.506	ug/l	100
28) Bromochloromethane	7.34	49	71492	22.380	ug/l	100
29) Tetrahydrofuran	7.35	42	110700	100.248	ug/l	99
30) Chloroform	7.51	83	171097	21.005	ug/l	96
31) Cyclohexane	7.79	56	165842	20.814	ug/l	93
32) 1,1,1-Trichloroethane	7.70	97	152778	20.558	ug/l	97
36) 1,1-Dichloropropene	7.92	75	137807	20.940	ug/l	99
37) Ethyl Acetate	7.08	43	74193	19.826	ug/l	99
38) Carbon Tetrachloride	7.90	117	142037	20.974	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	168896	21.033	ug/l	95
40) Benzene	8.16	78	380611	20.844	ug/l	98
41) Methacrylonitrile	7.32	41	41301m	19.252	ug/l	
42) 1,2-Dichloroethane	8.24	62	114659	20.617	ug/l	99
43) Isopropyl Acetate	8.27	43	139884	19.805	ug/l	100
44) Trichloroethene	8.94	130	110529	21.047	ug/l	96
45) 1,2-Dichloropropane	9.22	63	100021	20.917	ug/l	99
46) Dibromomethane	9.31	93	55422	20.658	ug/l	99
47) Bromodichloromethane	9.50	83	134829	20.855	ug/l	99
48) Methyl methacrylate	9.29	41	63198	19.823	ug/l	97
49) 1,4-Dioxane	9.30	88	13297	382.934	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	369179	99.740	ug/l	99
52) Toluene	10.24	92	236599	20.660	ug/l	97
53) t-1,3-Dichloropropene	10.46	75	142448	20.760	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	162280	20.869	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	77453	20.582	ug/l	100
56) Ethyl methacrylate	10.51	69	105956	20.338	ug/l	98
57) 1,3-Dichloropropane	10.79	76	132635	20.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	259814	107.668	ug/l	100
59) 2-Hexanone	10.83	43	256528	99.446	ug/l	98
60) Dibromochloromethane	10.99	129	98230	20.785	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73479	20.155	ug/l	99
64) Tetrachloroethene	10.72	164	112860	21.177	ug/l	98
65) Chlorobenzene	11.52	112	262930	21.018	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	100917	20.740	ug/l	99
67) Ethyl Benzene	11.59	91	472879	20.964	ug/l	99
68) m/p-Xylenes	11.70	106	357735	42.068	ug/l	98
69) o-Xylene	12.03	106	168552	21.174	ug/l	100
70) Styrene	12.04	104	289152	21.229	ug/l	99
71) Bromoform	12.20	173	65895	20.840	ug/l	99
73) Isopropylbenzene	12.33	105	461755	20.916	ug/l	100
74) N-amyl acetate	12.14	43	131039	20.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	86625	19.810	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	61596m	20.073	ug/l	
77) Bromobenzene	12.61	156	117609	20.967	ug/l	98
78) n-propylbenzene	12.67	91	553557	20.951	ug/l	100
79) 2-Chlorotoluene	12.75	91	303157	20.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	392089	21.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32469	20.012	ug/l	97
82) 4-Chlorotoluene	12.85	91	327374	21.490	ug/l	97
83) tert-Butylbenzene	13.07	119	334783	20.805	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	394438	21.173	ug/l	99
85) sec-Butylbenzene	13.25	105	475564	21.246	ug/l	100
86) p-Isopropyltoluene	13.37	119	438156	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	221922	20.712	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	219951	20.821	ug/l	99
89) n-Butylbenzene	13.69	91	419890	21.223	ug/l	100
90) Hexachloroethane	13.96	117	84676	21.114	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	198281	20.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14474	20.545	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	143079	21.347	ug/l	99
94) Hexachlorobutadiene	15.11	225	95537	21.523	ug/l	99
95) Naphthalene	15.23	128	231900	20.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	116412	21.468	ug/l	100

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

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