

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003053.D
 Acq On : 01 Jul 2020 12:51
 Operator : SY/MD
 Sample : VY0701SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Manual Integrations
 APPROVED

sam
 7/2/2020 4:48:47 PM

Quant Time: Jul 01 20:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	312036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	222110	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.72	113	215620	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.18	98	801690	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.48	95	277490	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67781	20.561	ug/l	100
3) Chloromethane	2.12	50	88727	18.379	ug/l	99
4) Vinyl Chloride	2.26	62	98902	21.003	ug/l	99
5) Bromomethane	2.64	94	73063	22.852	ug/l	96
6) Chloroethane	2.79	64	66163	22.087	ug/l #	87
7) Trichlorofluoromethane	3.13	101	144882	21.799	ug/l	98
8) Diethyl Ether	3.54	74	46967	20.613	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	87587	22.071	ug/l	100
10) Methyl Iodide	4.10	142	103796	21.093	ug/l	99
11) Tert butyl alcohol	4.96	59	52477	119.102	ug/l	97
12) 1,1-Dichloroethene	3.88	96	83040	21.992	ug/l	97
13) Acrolein	3.74	56	39346	99.427	ug/l	99
14) Allyl chloride	4.49	41	129140	19.589	ug/l	98
15) Acrylonitrile	5.18	53	122443	104.270	ug/l	99
16) Acetone	3.96	43	105003	102.978	ug/l	100
17) Carbon Disulfide	4.20	76	254376	21.085	ug/l	99
18) Methyl Acetate	4.48	43	54872	19.974	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238240	21.646	ug/l	98
20) Methylene Chloride	4.72	84	120042	22.556	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	92084	21.560	ug/l	93
22) Diisopropyl ether	6.13	45	282278	19.977	ug/l	98
23) Vinyl Acetate	6.07	43	952588	100.837	ug/l	98
24) 1,1-Dichloroethane	6.03	63	163228	21.147	ug/l	99
25) 2-Butanone	6.99	43	169544	104.674	ug/l	99
26) 2,2-Dichloropropane	6.99	77	151662	21.627	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	104293	21.771	ug/l	97
28) Bromochloromethane	7.34	49	64290	18.720	ug/l	93
29) Tetrahydrofuran	7.35	42	110313	102.414	ug/l	97
30) Chloroform	7.52	83	163783	21.419	ug/l	99
31) Cyclohexane	7.79	56	153800	20.227	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	146031	20.922	ug/l	98
36) 1,1-Dichloropropene	7.93	75	129645	20.909	ug/l	99
37) Ethyl Acetate	7.08	43	77471	20.781	ug/l	99
38) Carbon Tetrachloride	7.91	117	137418	21.301	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	165782	21.565	ug/l	95
40) Benzene	8.16	78	360676	21.247	ug/l	98
41) Methacrylonitrile	7.33	41	44002m	22.095	ug/l	
42) 1,2-Dichloroethane	8.24	62	115451	21.499	ug/l	99
43) Isopropyl Acetate	8.28	43	142686	20.133	ug/l	97
44) Trichloroethene	8.94	130	106964	21.679	ug/l	97
45) 1,2-Dichloropropane	9.22	63	95460	20.902	ug/l	99
46) Dibromomethane	9.31	93	53173	20.846	ug/l	98
47) Bromodichloromethane	9.50	83	130263	20.856	ug/l	99
48) Methyl methacrylate	9.30	41	63381	19.647	ug/l	96
49) 1,4-Dioxane	9.30	88	13338	428.370	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	390595	106.630	ug/l	99
52) Toluene	10.24	92	229413	21.469	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	138080	21.087	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	158171	21.121	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	77130	21.761	ug/l	97
56) Ethyl methacrylate	10.51	69	106189	20.696	ug/l	96
57) 1,3-Dichloropropane	10.79	76	130001	20.893	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	239898	91.166	ug/l	99
59) 2-Hexanone	10.83	43	269347	105.199	ug/l	98
60) Dibromochloromethane	10.99	129	97756	21.551	ug/l	99
61) 1,2-Dibromoethane	11.09	107	75725	21.671	ug/l	98
64) Tetrachloroethene	10.72	164	107969	21.820	ug/l	99
65) Chlorobenzene	11.52	112	253668	22.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	96309	21.398	ug/l	99
67) Ethyl Benzene	11.59	91	456626	21.651	ug/l	99
68) m/p-Xylenes	11.70	106	339086	43.199	ug/l	100
69) o-Xylene	12.03	106	162912	22.025	ug/l	97
70) Styrene	12.05	104	277868	21.990	ug/l	98
71) Bromoform	12.21	173	66306	22.093	ug/l #	98
73) Isopropylbenzene	12.33	105	448421	21.958	ug/l	99
74) N-amyl acetate	12.14	43	133763	20.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	89535	21.726	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	68176m	22.076	ug/l	
77) Bromobenzene	12.61	156	112071	21.404	ug/l	96
78) n-propylbenzene	12.67	91	513400	20.904	ug/l	99
79) 2-Chlorotoluene	12.75	91	286194	20.877	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	374255	21.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31910	20.103	ug/l #	83
82) 4-Chlorotoluene	12.86	91	307067	21.514	ug/l	99
83) tert-Butylbenzene	13.08	119	318274	21.152	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	376082	21.780	ug/l	99
85) sec-Butylbenzene	13.25	105	442154	21.319	ug/l	99
86) p-Isopropyltoluene	13.37	119	406507	21.152	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	213192	21.809	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	216438	22.454	ug/l	98
89) n-Butylbenzene	13.70	91	395090	21.487	ug/l	99
90) Hexachloroethane	13.96	117	79313	20.783	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	194560	22.183	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16146	22.132	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	144050	22.103	ug/l	100
94) Hexachlorobutadiene	15.11	225	89750	21.833	ug/l	97
95) Naphthalene	15.23	128	265822	22.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	124698	22.035	ug/l	100

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

