

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003180.D
 Acq On : 13 Jul 2020 12:25
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:37:18 AM

Quant Time: Jul 14 04:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	738802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	358818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	213864	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.72	113	207636	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.18	98	765361	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.48	95	280152	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	85631	23.713	ug/l 97
3) Chloromethane	2.11	50	118497	23.657	ug/l 96
4) Vinyl Chloride	2.26	62	110912	21.581	ug/l 99
5) Bromomethane	2.65	94	85787	22.473	ug/l 99
6) Chloroethane	2.79	64	72917	21.602	ug/l 96
7) Trichlorofluoromethane	3.13	101	160756	21.903	ug/l 100
8) Diethyl Ether	3.54	74	52527	21.358	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	95519	21.549	ug/l 99
10) Methyl Iodide	4.10	142	101598	21.097	ug/l 99
11) Tert butyl alcohol	4.96	59	50820	110.518	ug/l 99
12) 1,1-Dichloroethene	3.87	96	90558	21.600	ug/l 91
13) Acrolein	3.74	56	38928	97.533	ug/l 98
14) Allyl chloride	4.49	41	138906	22.328	ug/l 100
15) Acrylonitrile	5.18	53	127067	107.557	ug/l 98
16) Acetone	3.95	43	105435	110.997	ug/l 98
17) Carbon Disulfide	4.20	76	283155	22.009	ug/l 98
18) Methyl Acetate	4.48	43	57619	21.842	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	253384	21.566	ug/l 99
20) Methylene Chloride	4.72	84	123078	22.758	ug/l 95
21) trans-1,2-Dichloroethene	5.23	96	101558	21.416	ug/l 95
22) Diisopropyl ether	6.13	45	304793	22.075	ug/l 98
23) Vinyl Acetate	6.07	43	1003576	109.053	ug/l 99
24) 1,1-Dichloroethane	6.03	63	173503	21.691	ug/l 98
25) 2-Butanone	7.00	43	169840	108.897	ug/l 99
26) 2,2-Dichloropropane	6.99	77	158633	22.021	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	113617	21.761	ug/l 99
28) Bromochloromethane	7.34	49	77107	22.265	ug/l 97
29) Tetrahydrofuran	7.36	42	112223	107.110	ug/l 99
30) Chloroform	7.52	83	177564	21.553	ug/l 97
31) Cyclohexane	7.79	56	165260	21.365	ug/l 97
32) 1,1,1-Trichloroethane	7.71	97	161948	21.835	ug/l 98
36) 1,1-Dichloropropene	7.92	75	142099	21.222	ug/l 99
37) Ethyl Acetate	7.08	43	79042	21.920	ug/l 99
38) Carbon Tetrachloride	7.91	117	145213	21.007	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	174756	20.776	ug/l	96
40) Benzene	8.16	78	394906	21.419	ug/l	97
41) Methacrylonitrile	7.33	41	46035m	21.197	ug/l	
42) 1,2-Dichloroethane	8.24	62	120479	21.226	ug/l	100
43) Isopropyl Acetate	8.28	43	144548	20.709	ug/l	98
44) Trichloroethene	8.94	130	118194	20.912	ug/l	95
45) 1,2-Dichloropropane	9.22	63	103775	21.753	ug/l	100
46) Dibromomethane	9.31	93	58841	21.117	ug/l	100
47) Bromodichloromethane	9.50	83	140125	21.144	ug/l	98
48) Methyl methacrylate	9.30	41	64744	20.749	ug/l	98
49) 1,4-Dioxane	9.30	88	15508	438.523	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	386164	106.442	ug/l	99
52) Toluene	10.24	92	248446	21.082	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145800	21.235	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	167014	21.111	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	82216	20.822	ug/l	98
56) Ethyl methacrylate	10.51	69	114358	21.303	ug/l	99
57) 1,3-Dichloropropane	10.79	76	143386	21.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	282577	103.217	ug/l	99
59) 2-Hexanone	10.83	43	266436	105.204	ug/l	100
60) Dibromochloromethane	10.99	129	103954	20.932	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81337	20.872	ug/l	99
64) Tetrachloroethene	10.72	164	124154	20.606	ug/l	95
65) Chlorobenzene	11.52	112	274244	21.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	106021	20.969	ug/l	100
67) Ethyl Benzene	11.59	91	492861	21.204	ug/l	99
68) m/p-Xylenes	11.70	106	369895	41.942	ug/l	99
69) o-Xylene	12.03	106	175635	21.317	ug/l	100
70) Styrene	12.04	104	298654	21.190	ug/l	99
71) Bromoform	12.20	173	69644	20.987	ug/l #	100
73) Isopropylbenzene	12.33	105	482203	21.088	ug/l	100
74) N-amyl acetate	12.14	43	135813	21.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	92994	21.057	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	66382m	20.900	ug/l	
77) Bromobenzene	12.61	156	124098	21.291	ug/l	98
78) n-propylbenzene	12.67	91	575951	21.368	ug/l	100
79) 2-Chlorotoluene	12.75	91	320022	21.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	408268	21.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	35006	21.450	ug/l	96
82) 4-Chlorotoluene	12.85	91	336051	21.409	ug/l	100
83) tert-Butylbenzene	13.08	119	358510	21.319	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	408883	21.323	ug/l	99
85) sec-Butylbenzene	13.25	105	497035	21.505	ug/l	99
86) p-Isopropyltoluene	13.37	119	451651	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	228707	20.749	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	232981	21.350	ug/l	99
89) n-Butylbenzene	13.70	91	435520	21.455	ug/l	99
90) Hexachloroethane	13.96	117	83344	21.207	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	208901	21.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14360	20.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	147008	21.363	ug/l	98
94) Hexachlorobutadiene	15.11	225	102156	21.665	ug/l	98
95) Naphthalene	15.23	128	233174	20.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	112341	20.652	ug/l	98

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

