

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003144.D
 Acq On : 09 Jul 2020 14:07
 Operator : SY/MD
 Sample : VY0709SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:18:34 PM

Quant Time: Jul 10 04:11:36 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	434137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	619521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	568074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	195010	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	7.72	113	195916	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.18	98	716970	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.48	95	254777	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58205	17.703	ug/l	99
3) Chloromethane	2.11	50	84289	17.507	ug/l	98
4) Vinyl Chloride	2.26	62	91341	19.449	ug/l	100
5) Bromomethane	2.64	94	69284	21.728	ug/l	93
6) Chloroethane	2.79	64	61744	20.667	ug/l	92
7) Trichlorofluoromethane	3.13	101	134692	20.320	ug/l	98
8) Diethyl Ether	3.54	74	44648	19.648	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	83566	21.114	ug/l	98
10) Methyl Iodide	4.10	142	92481	18.844	ug/l	98
11) Tert butyl alcohol	4.97	59	43868	99.830	ug/l	99
12) 1,1-Dichloroethene	3.87	96	77185	20.496	ug/l	90
13) Acrolein	3.74	56	28490	72.187	ug/l	98
14) Allyl chloride	4.49	41	115880	17.624	ug/l	98
15) Acrylonitrile	5.17	53	111018	94.794	ug/l	98
16) Acetone	3.95	43	84754	83.342	ug/l	96
17) Carbon Disulfide	4.20	76	225277	18.723	ug/l	99
18) Methyl Acetate	4.48	43	51600	18.834	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	220120	20.053	ug/l	98
20) Methylene Chloride	4.72	84	101475	17.884	ug/l	88
21) trans-1,2-Dichloroethene	5.23	96	88363	20.744	ug/l	92
22) Diisopropyl ether	6.13	45	261659	18.568	ug/l	97
23) Vinyl Acetate	6.07	43	837079	88.847	ug/l	97
24) 1,1-Dichloroethane	6.02	63	150935	19.607	ug/l	99
25) 2-Butanone	7.00	43	139996	86.662	ug/l	98
26) 2,2-Dichloropropane	6.99	77	135867	19.426	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	98993	20.720	ug/l	93
28) Bromochloromethane	7.34	49	58219	16.997	ug/l	88
29) Tetrahydrofuran	7.35	42	95446	88.848	ug/l	90
30) Chloroform	7.52	83	155366	20.373	ug/l	98
31) Cyclohexane	7.79	56	140124	18.477	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	139751	20.076	ug/l	100
36) 1,1-Dichloropropene	7.92	75	121410	20.345	ug/l	98
37) Ethyl Acetate	7.08	43	68122	18.986	ug/l	97
38) Carbon Tetrachloride	7.91	117	130024	20.942	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	149172	20.162	ug/l	96
40) Benzene	8.17	78	340012	20.812	ug/l	96
41) Methacrylonitrile	7.33	41	39621m	20.672	ug/l	
42) 1,2-Dichloroethane	8.24	62	103518	20.029	ug/l	99
43) Isopropyl Acetate	8.28	43	124527	18.257	ug/l	95
44) Trichloroethene	8.94	130	105885	22.299	ug/l	95
45) 1,2-Dichloropropane	9.22	63	88420	20.117	ug/l	93
46) Dibromomethane	9.31	93	51871	21.130	ug/l	95
47) Bromodichloromethane	9.50	83	121052	20.138	ug/l	99
48) Methyl methacrylate	9.30	41	56044	18.051	ug/l	91
49) 1,4-Dioxane	9.30	88	11862	395.841	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	332144	94.214	ug/l	96
52) Toluene	10.25	92	217885	21.186	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	126790	20.118	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	144749	20.083	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	72738	21.323	ug/l	100
56) Ethyl methacrylate	10.51	69	98915	20.031	ug/l	95
57) 1,3-Dichloropropane	10.79	76	125397	20.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	228831	90.356	ug/l	97
59) 2-Hexanone	10.83	43	230048	93.358	ug/l	97
60) Dibromochloromethane	10.99	129	92770	21.251	ug/l	98
61) 1,2-Dibromoethane	11.09	107	70936	21.093	ug/l	98
64) Tetrachloroethene	10.72	164	116867	24.307	ug/l	95
65) Chlorobenzene	11.52	112	245696	21.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	94747	21.665	ug/l	99
67) Ethyl Benzene	11.59	91	431767	21.070	ug/l	99
68) m/p-Xylenes	11.70	106	327309	42.916	ug/l	98
69) o-Xylene	12.03	106	152687	21.245	ug/l	98
70) Styrene	12.04	104	265082	21.590	ug/l	98
71) Bromoform	12.20	173	61202	20.988	ug/l	99
73) Isopropylbenzene	12.33	105	422685	21.084	ug/l	100
74) N-amyl acetate	12.14	43	117867	18.060	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	80528	19.904	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	61792m	20.382	ug/l	
77) Bromobenzene	12.61	156	109606	21.323	ug/l	96
78) n-propylbenzene	12.67	91	501560	20.803	ug/l	99
79) 2-Chlorotoluene	12.75	91	279065	20.736	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	359936	21.395	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30118	19.328	ug/l	94
82) 4-Chlorotoluene	12.85	91	294982	21.052	ug/l	99
83) tert-Butylbenzene	13.08	119	314077	21.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	357029	21.061	ug/l	98
85) sec-Butylbenzene	13.25	105	439040	21.563	ug/l	99
86) p-Isopropyltoluene	13.37	119	407219	21.584	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	208550	21.732	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	205556	21.722	ug/l	99
89) n-Butylbenzene	13.70	91	386346	21.403	ug/l	99
90) Hexachloroethane	13.96	117	74246	19.818	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	185830	21.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13805	19.276	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	138990	21.724	ug/l	97
94) Hexachlorobutadiene	15.11	225	90160	22.341	ug/l	98
95) Naphthalene	15.23	128	238296	20.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	115377	20.768	ug/l	99

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

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