

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001595.D
 Acq On : 11 Feb 2020 11:59
 Operator : SY/MD
 Sample : VY0211SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:12:22 PM

Quant Time: Feb 12 08:08:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	196240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	102419	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.74	113	96209	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.19	98	396535	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	145892	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31678	16.491	ug/l	93
3) Chloromethane	2.12	50	42905	21.370	ug/l	97
4) Vinyl Chloride	2.26	62	43871	21.044	ug/l	99
5) Bromomethane	2.66	94	29837	22.758	ug/l	94
6) Chloroethane	2.80	64	27834	22.150	ug/l	99
7) Trichlorofluoromethane	3.14	101	58874	17.061	ug/l	99
8) Diethyl Ether	3.55	74	22342	19.187	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.92	101	37167	17.901	ug/l	98
10) Methyl Iodide	4.11	142	43502	16.444	ug/l	99
11) Tert butyl alcohol	4.97	59	29616	115.036	ug/l #	95
12) 1,1-Dichloroethene	3.89	96	37106	17.985	ug/l	94
13) Acrolein	3.75	56	18421	98.460	ug/l	99
14) Allyl chloride	4.50	41	64084	20.304	ug/l	98
15) Acrylonitrile	5.19	53	57707	108.100	ug/l	99
16) Acetone	3.97	43	57988	101.460	ug/l	96
17) Carbon Disulfide	4.21	76	118579	18.054	ug/l	98
18) Methyl Acetate	4.50	43	28778	23.595	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	102063	18.601	ug/l	96
20) Methylene Chloride	4.74	84	46681	17.817	ug/l	94
21) trans-1,2-Dichloroethene	5.24	96	42113	18.361	ug/l	94
22) Diisopropyl ether	6.14	45	134820	21.560	ug/l	96
23) Vinyl Acetate	6.08	43	424068	106.531	ug/l	94
24) 1,1-Dichloroethane	6.04	63	72271	19.215	ug/l	96
25) 2-Butanone	7.01	43	83351	112.412	ug/l	92
26) 2,2-Dichloropropane	7.00	77	63896	17.750	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	46645	18.619	ug/l	96
28) Bromochloromethane	7.35	49	28993	22.627	ug/l	87
29) Tetrahydrofuran	7.36	42	50233	113.030	ug/l	93
30) Chloroform	7.53	83	69619	18.273	ug/l	98
31) Cyclohexane	7.80	56	76693	19.934	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	60978	17.653	ug/l	97
36) 1,1-Dichloropropene	7.94	75	58837	18.626	ug/l	99
37) Ethyl Acetate	7.10	43	33690	22.031	ug/l	97
38) Carbon Tetrachloride	7.91	117	51819	16.955	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76916	18.492	ug/l	99
40) Benzene	8.17	78	173011	19.202	ug/l	98
41) Methacrylonitrile	7.34	41	16857m	23.785	ug/l	
42) 1,2-Dichloroethane	8.25	62	46803	18.645	ug/l	100
43) Isopropyl Acetate	8.28	43	65847	21.748	ug/l	95
44) Trichloroethene	8.95	130	43551	17.932	ug/l	94
45) 1,2-Dichloropropane	9.22	63	44118	20.277	ug/l	98
46) Dibromomethane	9.31	93	23017	18.840	ug/l	99
47) Bromodichloromethane	9.50	83	54817	18.415	ug/l	96
48) Methyl methacrylate	9.30	41	29116	21.188	ug/l	95
49) 1,4-Dioxane	9.31	88	5915	366.600	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	168228	112.823	ug/l	94
52) Toluene	10.25	92	108233	18.932	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	59409	18.323	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	69643	18.710	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	33837	19.304	ug/l	96
56) Ethyl methacrylate	10.52	69	48457	19.436	ug/l	91
57) 1,3-Dichloropropane	10.80	76	58889	19.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	97453	106.254	ug/l	96
59) 2-Hexanone	10.84	43	121341	111.923	ug/l	96
60) Dibromochloromethane	10.99	129	36105	17.474	ug/l	99
61) 1,2-Dibromoethane	11.10	107	32107	18.597	ug/l	97
64) Tetrachloroethene	10.72	164	37892	18.749	ug/l	98
65) Chlorobenzene	11.52	112	110149	18.204	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	38541	18.199	ug/l	99
67) Ethyl Benzene	11.59	91	208358	18.623	ug/l	99
68) m/p-Xylenes	11.70	106	155678	37.066	ug/l	98
69) o-Xylene	12.03	106	74376	18.782	ug/l	99
70) Styrene	12.05	104	127261	18.583	ug/l	99
71) Bromoform	12.21	173	21286	18.051	ug/l #	100
73) Isopropylbenzene	12.33	105	198089	17.553	ug/l	100
74) N-amyl acetate	12.14	43	61622	21.013	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	42023	19.599	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	27356m	17.192	ug/l	
77) Bromobenzene	12.61	156	44068	18.044	ug/l	97
78) n-propylbenzene	12.67	91	242948	17.983	ug/l	100
79) 2-Chlorotoluene	12.76	91	133734	17.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	167151	17.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15506	18.855	ug/l	98
82) 4-Chlorotoluene	12.86	91	140323	17.379	ug/l	99
83) tert-Butylbenzene	13.08	119	138614	17.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167815	17.840	ug/l	99
85) sec-Butylbenzene	13.26	105	202843	17.959	ug/l	100
86) p-Isopropyltoluene	13.38	119	180729	18.158	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	85119	18.186	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	87192	18.595	ug/l	99
89) n-Butylbenzene	13.70	91	183162	18.651	ug/l	99
90) Hexachloroethane	13.97	117	32789	17.163	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	78590	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7057	17.829	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	52366	18.321	ug/l	98
94) Hexachlorobutadiene	15.12	225	25516	17.589	ug/l	98
95) Naphthalene	15.24	128	117847	17.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	45358	17.977	ug/l	99

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

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