

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003466.D
 Acq On : 02 Nov 2020 12:01
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 02 12:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	339003	149.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.66%	
35) Dibromofluoromethane	7.73	113	291209	150.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.98%	
50) Toluene-d8	10.18	98	1212180	150.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.62%	
62) 4-Bromofluorobenzene	12.48	95	404621	146.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	224985	128.393	ug/l	99
3) Chloromethane	2.12	50	311204	128.298	ug/l	100
4) Vinyl Chloride	2.26	62	349241	131.901	ug/l	100
5) Bromomethane	2.64	94	281239	112.131	ug/l	99
6) Chloroethane	2.80	64	208429	129.284	ug/l	99
7) Trichlorofluoromethane	3.13	101	416112	126.738	ug/l	99
8) Diethyl Ether	3.54	74	136316	126.451	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	231043	126.321	ug/l	99
11) Tert butyl alcohol	4.97	59	157452	716.319	ug/l	99
12) 1,1-Dichloroethene	3.88	96	235058	130.387	ug/l	97
13) Acrolein	3.74	56	134489	655.807	ug/l	100
14) Allyl chloride	4.49	41	445512	138.225	ug/l	99
15) Acrylonitrile	5.18	53	390981	748.991	ug/l	100
16) Acetone	3.96	43	558002	938.344	ug/l	99
17) Carbon Disulfide	4.21	76	766024	130.355	ug/l	99
18) Methyl Acetate	4.49	43	200978	149.465	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	619897	131.889	ug/l	97
20) Methylene Chloride	4.73	84	257543	106.742	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	277875	131.752	ug/l	97
22) Diisopropyl ether	6.13	45	776566	130.068	ug/l	98
23) Vinyl Acetate	6.08	43	3098667	705.349	ug/l	100
24) 1,1-Dichloroethane	6.04	63	488373	131.300	ug/l	99
25) 2-Butanone	7.00	43	702193	850.060	ug/l	98
26) 2,2-Dichloropropane	6.99	77	448721	133.702	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	307280	131.359	ug/l	100
28) Bromochloromethane	7.35	49	286301	157.022	ug/l	100
29) Tetrahydrofuran	7.36	42	358782	762.549	ug/l	100
30) Chloroform	7.52	83	484554	129.170	ug/l	99
31) Cyclohexane	7.79	56	408486	122.545	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	448154	129.918	ug/l	100
36) 1,1-Dichloropropene	7.93	75	396085	130.527	ug/l	99
37) Ethyl Acetate	7.08	43	264449	147.452	ug/l	99
38) Carbon Tetrachloride	7.91	117	409365	129.034	ug/l	99
39) Methylcyclohexane	9.19	83	428317	128.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.17	78	1113767	129.937	ug/l	100
41) Methacrylonitrile	7.33	41	140563m	154.091	ug/l	
42) 1,2-Dichloroethane	8.25	62	348630	128.168	ug/l	99
43) Isopropyl Acetate	8.28	43	476838	142.682	ug/l	100
44) Trichloroethene	8.94	130	309484	123.389	ug/l	98
45) 1,2-Dichloropropane	9.22	63	280983	128.980	ug/l	99
46) Dibromomethane	9.31	93	159712	129.902	ug/l	99
47) Bromodichloromethane	9.50	83	389331	129.041	ug/l	100
48) Methyl methacrylate	9.30	41	231048	146.072	ug/l	99
49) 1,4-Dioxane	9.31	88	43772	2988.643	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	1306616	734.618	ug/l	100
52) Toluene	10.25	92	707108	128.602	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	425106	132.530	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	467036	130.099	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	222321	126.785	ug/l	100
56) Ethyl methacrylate	10.51	69	329571	139.947	ug/l	99
57) 1,3-Dichloropropane	10.79	76	393155	129.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	916179	748.021	ug/l	100
59) 2-Hexanone	10.83	43	990786	781.401	ug/l	99
60) Dibromochloromethane	10.99	129	280051	126.703	ug/l	100
61) 1,2-Dibromoethane	11.09	107	220647	130.838	ug/l	98
64) Tetrachloroethene	10.72	164	275270	107.216	ug/l	99
65) Chlorobenzene	11.52	112	751073	128.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	283207	128.049	ug/l	99
67) Ethyl Benzene	11.60	91	1375934	131.637	ug/l	100
68) m/p-Xylenes	11.70	106	1032787	259.062	ug/l	100
69) o-Xylene	12.03	106	482821	129.298	ug/l	99
70) Stvrene	12.05	104	834220	131.554	ug/l	100
71) Bromoform	12.20	173	198691	134.613	ug/l	100
73) Isopropylbenzene	12.33	105	1293683	137.694	ug/l	100
74) N-amyl acetate	12.14	43	403837	150.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	290137	157.467	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	215302m	161.411	ug/l	
77) Bromobenzene	12.61	156	328215	132.034	ug/l	97
78) n-propylbenzene	12.67	91	1506130	134.841	ug/l	100
79) 2-Chlorotoluene	12.75	91	846003	135.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1049181	130.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	109490	159.755	ug/l	98
82) 4-Chlorotoluene	12.86	91	882733	132.907	ug/l	100
83) tert-Butylbenzene	13.08	119	927791	132.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1063140	131.401	ug/l	100
85) sec-Butylbenzene	13.25	105	1231674	127.898	ug/l	100
86) p-Isopropyltoluene	13.37	119	1156720	126.754	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	602985	127.520	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	587241	124.623	ug/l	100
89) n-Butylbenzene	13.70	91	1049008	125.685	ug/l	99
90) Hexachloroethane	13.96	117	195660	135.498	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	531270	126.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	53113	152.527	ug/l	98
93) 1,2,4-Trichlorobenzene	15.00	180	372689	119.483	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	218334	107.401	ug/l	99
95) Naphthalene	15.23	128	827586	148.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	334682	123.197	ug/l	99

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

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