

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000259.D
 Acq On : 10 Oct 2019 17:29
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:52 PM

Quant Time: Oct 11 07:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 07:12:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	241517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	405743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	157548	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.74	113	124831	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.19	98	471250	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	12.48	95	161647	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	5326	2.209	ug/l	72
3) Chloromethane	2.12	50	7791	2.373	ug/l	98
4) Vinyl Chloride	2.25	62	7950	2.345	ug/l	89
5) Bromomethane	2.64	94	7434	3.476	ug/l	91
6) Chloroethane	2.80	64	5392	2.518	ug/l #	75
7) Trichlorofluoromethane	3.13	101	10509	2.399	ug/l	95
8) Diethyl Ether	3.54	74	4966	2.479	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	6056	2.368	ug/l	94
10) Methyl Iodide	4.10	142	5250	1.392	ug/l #	42
11) Tert butyl alcohol	4.96	59	28884	17.116	ug/l	96
12) 1,1-Dichloroethene	3.88	96	6556	2.469	ug/l #	63
13) Acrolein	3.74	56	11922	13.459	ug/l	95
14) Allyl chloride	4.49	41	10509	2.349	ug/l #	88
15) Acrylonitrile	5.18	53	36430	12.229	ug/l	99
16) Acetone	3.96	43	32620	13.259	ug/l	93
17) Carbon Disulfide	4.20	76	15922	2.034	ug/l #	92
18) Methyl Acetate	4.48	43	17097	2.536	ug/l	90
19) Methyl tert-butyl Ether	5.23	73	22322	2.298	ug/l	96
20) Methylene Chloride	4.71	84	8316	2.573	ug/l #	92
21) trans-1,2-Dichloroethene	5.23	96	6935	2.322	ug/l #	76
22) Diisopropyl ether	6.13	45	24867	2.399	ug/l	96
23) Vinyl Acetate	6.08	43	103090	10.980	ug/l	95
24) 1,1-Dichloroethane	6.02	63	11828	2.237	ug/l	96
25) 2-Butanone	7.00	43	55716	12.242	ug/l	92
26) 2,2-Dichloropropane	6.99	77	11377	2.384	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	8513	2.419	ug/l	99
28) Bromochloromethane	7.34	49	5145	2.956	ug/l	100
29) Tetrahydrofuran	7.36	42	36707	11.420	ug/l	98
30) Chloroform	7.52	83	13576	2.474	ug/l	90
31) Cyclohexane	7.79	56	15528	2.907	ug/l #	74
32) 1,1,1-Trichloroethane	7.71	97	10727	2.299	ug/l	92
36) 1,1-Dichloropropene	7.93	75	9593	2.324	ug/l	96
37) Ethyl Acetate	7.08	43	19088	2.558	ug/l	99
38) Carbon Tetrachloride	7.90	117	9340	2.321	ug/l #	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	12168	2.349	ug/l #	83
40) Benzene	8.17	78	28798	2.300	ug/l	99
41) Methacrylonitrile	7.35	41	15016m	2.556	ug/l	
42) 1,2-Dichloroethane	8.24	62	10135	2.492	ug/l	97
43) Isopropyl Acetate	8.28	43	22159	2.307	ug/l	99
44) Trichloroethene	8.95	130	8327	2.452	ug/l	83
45) 1,2-Dichloropropane	9.22	63	6916	2.205	ug/l #	83
46) Dibromomethane	9.31	93	4971	2.260	ug/l	90
47) Bromodichloromethane	9.51	83	9578	2.227	ug/l #	88
48) Methyl methacrylate	9.30	41	11032	2.544	ug/l	90
49) 1,4-Dioxane	9.31	88	5494	49.358	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	84480	11.701	ug/l	99
52) Toluene	10.25	92	18471	2.300	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	10528	2.157	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	11026	2.088	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	8116	2.562	ug/l	92
56) Ethyl methacrylate	10.52	69	11718	2.101	ug/l	94
57) 1,3-Dichloropropane	10.80	76	12278	2.270	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.79	63	29985	12.064	ug/l	98
59) 2-Hexanone	10.84	43	69671	11.386	ug/l	100
60) Dibromochloromethane	10.99	129	7724	2.307	ug/l	97
61) 1,2-Dibromoethane	11.10	107	8388	2.493	ug/l	94
64) Tetrachloroethene	10.72	164	8540	2.668	ug/l	95
65) Chlorobenzene	11.52	112	19069	2.350	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.60	131	6998	2.412	ug/l	95
67) Ethyl Benzene	11.60	91	33599	2.316	ug/l	100
68) m/p-Xylenes	11.70	106	25665	4.637	ug/l	97
69) o-Xylene	12.03	106	11774	2.208	ug/l	92
70) Styrene	12.05	104	20549	2.237	ug/l	96
71) Bromoform	12.21	173	5000	2.089	ug/l #	93
73) Isopropylbenzene	12.33	105	31628	2.256	ug/l	99
74) N-amyl acetate	12.15	43	13534	2.028	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	10766	2.251	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	11082m	2.537	ug/l	
77) Bromobenzene	12.61	156	8399	2.555	ug/l	86
78) n-propylbenzene	12.67	91	36188	2.210	ug/l	96
79) 2-Chlorotoluene	12.75	91	21923	2.326	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	26455	2.262	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	4215	1.991	ug/l #	89
82) 4-Chlorotoluene	12.85	91	21104	2.210	ug/l	94
83) tert-Butylbenzene	13.08	119	22569	2.220	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	25773	2.206	ug/l	99
85) sec-Butylbenzene	13.25	105	30083	2.147	ug/l	100
86) p-Isopropyltoluene	13.37	119	27704	2.248	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	14165	2.378	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	15051	2.425	ug/l	88
89) n-Butylbenzene	13.70	91	22996	1.980	ug/l	97
90) Hexachloroethane	13.96	117	5103	2.189	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	13707	2.273	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3569	2.389	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	9349	2.284	ug/l	97
94) Hexachlorobutadiene	15.11	225	4202	2.148	ug/l	98
95) Naphthalene	15.23	128	34831	2.262	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	9457	2.401	ug/l	94

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

