

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000254.D
 Acq On : 10 Oct 2019 15:38
 Operator : SY/MD
 Sample : VY1010WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:07 PM

Quant Time: Oct 11 07:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	276442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	469089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	196525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	170921	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.73	113	136288	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
50) Toluene-d8	10.19	98	502821	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.48	95	179324	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	50825	18.416	ug/l	97
3) Chloromethane	2.12	50	68886	18.329	ug/l	99
4) Vinyl Chloride	2.25	62	70821	18.251	ug/l	99
5) Bromomethane	2.64	94	55403	22.629	ug/l	93
6) Chloroethane	2.79	64	45995	18.767	ug/l	97
7) Trichlorofluoromethane	3.13	101	93535	18.653	ug/l	97
8) Diethyl Ether	3.53	74	42205	18.409	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53486	18.269	ug/l	98
10) Methyl Iodide	4.10	142	76721	16.523	ug/l	97
11) Tert butyl alcohol	4.97	59	198448	102.739	ug/l	100
12) 1,1-Dichloroethene	3.88	96	55787	18.355	ug/l	96
13) Acrolein	3.73	56	78448	77.371	ug/l	98
14) Allyl chloride	4.49	41	92896	18.139	ug/l	95
15) Acrylonitrile	5.17	53	334874	98.212	ug/l	99
16) Acetone	3.95	43	291727	103.599	ug/l	99
17) Carbon Disulfide	4.19	76	156041	17.419	ug/l	99
18) Methyl Acetate	4.48	43	151815	19.673	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	216249	19.448	ug/l	96
20) Methylene Chloride	4.72	84	68747	18.584	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	61843	18.088	ug/l	99
22) Diisopropyl ether	6.13	45	226611	19.099	ug/l	90
23) Vinyl Acetate	6.07	43	1037178	89.879	ug/l	100
24) 1,1-Dichloroethane	6.04	63	115016	19.004	ug/l	97
25) 2-Butanone	7.00	43	534651	102.632	ug/l	97
26) 2,2-Dichloropropane	6.99	77	97095	17.772	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	73940	18.359	ug/l	100
28) Bromochloromethane	7.34	49	48864	24.529	ug/l	96
29) Tetrahydrofuran	7.36	42	358252	97.375	ug/l	98
30) Chloroform	7.52	83	119382	19.007	ug/l	98
31) Cyclohexane	7.79	56	103195	16.881	ug/l #	96
32) 1,1,1-Trichloroethane	7.71	97	100549	18.829	ug/l	98
36) 1,1-Dichloropropene	7.93	75	84706	17.747	ug/l	98
37) Ethyl Acetate	7.08	43	165722	19.206	ug/l	99
38) Carbon Tetrachloride	7.91	117	84250	18.111	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105267	17.581	ug/l	93
40) Benzene	8.17	78	271045	18.720	ug/l	96
41) Methacrylonitrile	7.35	41	125828m	18.527	ug/l	
42) 1,2-Dichloroethane	8.25	62	95828	20.377	ug/l	98
43) Isopropyl Acetate	8.28	43	222122	20.000	ug/l	99
44) Trichloroethene	8.95	130	74736	19.035	ug/l	96
45) 1,2-Dichloropropane	9.22	63	69569	19.183	ug/l	96
46) Dibromomethane	9.32	93	48309	19.001	ug/l	97
47) Bromodichloromethane	9.50	83	95307	19.164	ug/l	96
48) Methyl methacrylate	9.30	41	98701	19.689	ug/l	98
49) 1,4-Dioxane	9.30	88	51447	399.787	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	850178	101.857	ug/l	99
52) Toluene	10.25	92	166396	17.918	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	106259	18.833	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	113498	18.591	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	72911	19.912	ug/l	97
56) Ethyl methacrylate	10.52	69	125807	19.515	ug/l	99
57) 1,3-Dichloropropane	10.80	76	122600	19.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	345322	120.175	ug/l	99
59) 2-Hexanone	10.84	43	734571	95.031	ug/l	99
60) Dibromochloromethane	10.99	129	74417	19.222	ug/l	99
61) 1,2-Dibromoethane	11.10	107	76019	19.545	ug/l	100
64) Tetrachloroethene	10.72	164	74558	19.515	ug/l	96
65) Chlorobenzene	11.52	112	173650	17.928	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	66555	19.220	ug/l	99
67) Ethyl Benzene	11.60	91	310721	17.945	ug/l	99
68) m/p-Xylenes	11.70	106	239296	36.219	ug/l	99
69) o-Xylene	12.03	106	118795	18.664	ug/l	96
70) Styrene	12.05	104	198002	18.060	ug/l	99
71) Bromoform	12.21	173	56620	19.815	ug/l #	100
73) Isopropylbenzene	12.33	105	301490	18.104	ug/l	98
74) N-amyl acetate	12.14	43	162402	18.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	111831	19.677	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	105186m	20.272	ug/l	
77) Bromobenzene	12.61	156	73253	18.758	ug/l	99
78) n-propylbenzene	12.67	91	351261	18.058	ug/l	98
79) 2-Chlorotoluene	12.76	91	199710	17.832	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	258436	18.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	45478	17.554	ug/l #	88
82) 4-Chlorotoluene	12.86	91	210270	18.537	ug/l	100
83) tert-Butylbenzene	13.08	119	218908	18.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	255468	18.401	ug/l	99
85) sec-Butylbenzene	13.25	105	302122	18.149	ug/l	98
86) p-Isopropyltoluene	13.37	119	269211	18.390	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	134041	18.939	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	134279	18.214	ug/l	98
89) n-Butylbenzene	13.70	91	245841	17.819	ug/l	100
90) Hexachloroethane	13.96	117	50170	18.118	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	133759	18.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37784	19.646	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	89852	18.473	ug/l	98
94) Hexachlorobutadiene	15.11	225	42334	18.213	ug/l	98
95) Naphthalene	15.23	128	349293	19.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88864	18.994	ug/l	98

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

