

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000246.D
 Acq On : 09 Oct 2019 16:13
 Operator : SY/MD
 Sample : VY1009WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:41:02 AM

Quant Time: Oct 10 02:03:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	429953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	162370	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.73	113	128507	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.19	98	496247	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.48	95	170982	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	42122	16.348	ug/l	98
3) Chloromethane	2.11	50	53942	15.373	ug/l	99
4) Vinyl Chloride	2.25	62	56860	15.695	ug/l	96
5) Bromomethane	2.65	94	43488	19.025	ug/l	99
6) Chloroethane	2.79	64	35187	15.377	ug/l	95
7) Trichlorofluoromethane	3.13	101	73113	15.617	ug/l	97
8) Diethyl Ether	3.54	74	32451	15.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42718	15.628	ug/l	96
10) Methyl Iodide	4.09	142	58078	13.505	ug/l	99
11) Tert butyl alcohol	4.97	59	148161	82.157	ug/l	99
12) 1,1-Dichloroethene	3.88	96	45450	16.017	ug/l	95
13) Acrolein	3.74	56	72896	77.006	ug/l	99
14) Allyl chloride	4.49	41	72348	15.131	ug/l	99
15) Acrylonitrile	5.18	53	246637	77.475	ug/l	98
16) Acetone	3.96	43	216438	82.326	ug/l	98
17) Carbon Disulfide	4.19	76	125159	14.965	ug/l	99
18) Methyl Acetate	4.49	43	116554	16.177	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	161056	15.514	ug/l	93
20) Methylene Chloride	4.73	84	54089	15.661	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	49740	15.582	ug/l	88
22) Diisopropyl ether	6.13	45	168022	15.167	ug/l	98
23) Vinyl Acetate	6.08	43	775748	72.461	ug/l	97
24) 1,1-Dichloroethane	6.03	63	89750	15.883	ug/l	99
25) 2-Butanone	7.00	43	394138	81.037	ug/l	98
26) 2,2-Dichloropropane	7.00	77	75820	14.864	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	57205	15.214	ug/l	99
28) Bromochloromethane	7.35	49	44030	23.674	ug/l	89
29) Tetrahydrofuran	7.36	42	265725	77.360	ug/l	97
30) Chloroform	7.52	83	91068	15.529	ug/l	93
31) Cyclohexane	7.80	56	82700	14.490	ug/l #	96
32) 1,1,1-Trichloroethane	7.72	97	81054	16.258	ug/l	100
36) 1,1-Dichloropropene	7.93	75	65273	14.920	ug/l	99
37) Ethyl Acetate	7.09	43	125214	15.833	ug/l	99
38) Carbon Tetrachloride	7.91	117	69531	16.307	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80420	14.653	ug/l	97
40) Benzene	8.17	78	210300	15.847	ug/l	98
41) Methacrylonitrile	7.35	41	104648m	16.811	ug/l	
42) 1,2-Dichloroethane	8.25	62	74205	17.215	ug/l	98
43) Isopropyl Acetate	8.28	43	160912	15.807	ug/l	98
44) Trichloroethene	8.95	130	58899	16.367	ug/l	95
45) 1,2-Dichloropropane	9.22	63	54363	16.355	ug/l	91
46) Dibromomethane	9.31	93	36853	15.815	ug/l	98
47) Bromodichloromethane	9.50	83	73220	16.063	ug/l	98
48) Methyl methacrylate	9.30	41	71395	15.538	ug/l	98
49) 1,4-Dioxane	9.30	88	38836	329.259	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	631207	82.506	ug/l	100
52) Toluene	10.25	92	129928	15.265	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79501	15.373	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	88644	15.841	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	54952	16.373	ug/l	95
56) Ethyl methacrylate	10.52	69	92355	15.630	ug/l	97
57) 1,3-Dichloropropane	10.80	76	91270	15.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	264252	100.333	ug/l	99
59) 2-Hexanone	10.84	43	542477	75.196	ug/l	98
60) Dibromochloromethane	10.99	129	57024	16.070	ug/l	99
61) 1,2-Dibromoethane	11.09	107	58064	16.287	ug/l	99
64) Tetrachloroethene	10.72	164	59291	16.983	ug/l	91
65) Chlorobenzene	11.52	112	137278	15.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	52313	16.532	ug/l	99
67) Ethyl Benzene	11.59	91	241272	15.249	ug/l	94
68) m/p-Xylenes	11.70	106	192024	31.806	ug/l	96
69) o-Xylene	12.03	106	90401	15.543	ug/l	98
70) Styrene	12.05	104	157739	15.745	ug/l	97
71) Bromoform	12.21	173	43598	16.697	ug/l #	97
73) Isopropylbenzene	12.33	105	237459	15.249	ug/l	98
74) N-amyl acetate	12.14	43	114406	14.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	82535	15.530	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	81692m	16.837	ug/l	
77) Bromobenzene	12.61	156	58727	16.082	ug/l	95
78) n-propylbenzene	12.67	91	275809	15.163	ug/l	99
79) 2-Chlorotoluene	12.76	91	160464	15.322	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	205885	15.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	35025	14.603	ug/l #	88
82) 4-Chlorotoluene	12.86	91	162562	15.326	ug/l	96
83) tert-Butylbenzene	13.08	119	170092	15.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	199475	15.365	ug/l	98
85) sec-Butylbenzene	13.25	105	238260	15.306	ug/l	100
86) p-Isopropyltoluene	13.37	119	213582	15.602	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	108143	16.340	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	104859	15.210	ug/l	98
89) n-Butylbenzene	13.70	91	189602	14.696	ug/l	98
90) Hexachloroethane	13.96	117	40506	15.643	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	104646	15.622	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28851	16.027	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	69408	15.260	ug/l	99
94) Hexachlorobutadiene	15.11	225	34100	15.689	ug/l	98
95) Naphthalene	15.23	128	274320	16.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71936	16.443	ug/l	100

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

