

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004887.D
 Acq On : 01 Oct 2018 23:30
 Operator : JC/MD
 Sample : VX1001WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:54 PM

Quant Time: Oct 02 05:22:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161923	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.50	113	131982	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.72	98	495270	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
62) 4-Bromofluorobenzene	11.14	95	178700	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66715	22.235	ug/l	97
3) Chloromethane	1.32	50	74470	20.457	ug/l	98
4) Vinyl Chloride	1.40	62	72358	21.193	ug/l	100
5) Bromomethane	1.64	94	45988	22.714	ug/l	99
6) Chloroethane	1.72	64	46576	23.813	ug/l	100
7) Trichlorofluoromethane	1.93	101	93153	22.039	ug/l	94
8) Diethyl Ether	2.19	74	36857	20.072	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51378	21.339	ug/l	98
10) Methyl Iodide	2.51	142	41514	12.885	ug/l	98
11) Tert butyl alcohol	3.07	59	93010	105.817	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49605	20.804	ug/l	95
13) Acrolein	2.29	56	38676	61.843	ug/l	95
14) Allyl chloride	2.73	41	109246	20.998	ug/l	94
15) Acrylonitrile	3.15	53	205874	106.397	ug/l	98
16) Acetone	2.45	43	184611	100.590	ug/l	95
17) Carbon Disulfide	2.57	76	138649	19.351	ug/l	98
18) Methyl Acetate	2.78	43	108816	23.402	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	181217	22.033	ug/l	96
20) Methylene Chloride	2.85	84	57942	21.231	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	52639	20.167	ug/l	96
22) Diisopropyl ether	3.87	45	184271	21.034	ug/l	92
23) Vinyl Acetate	3.82	43	804546	100.327	ug/l	95
24) 1,1-Dichloroethane	3.70	63	101564	19.435	ug/l	99
25) 2-Butanone	4.70	43	272980	100.907	ug/l	92
26) 2,2-Dichloropropane	4.59	77	58390	16.045	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57398	19.684	ug/l	97
28) Bromochloromethane	5.02	49	49475	20.104	ug/l	90
29) Tetrahydrofuran	5.16	42	181528	107.962	ug/l	91
30) Chloroform	5.21	83	99225	20.090	ug/l	96
31) Cyclohexane	5.57	56	85026	21.258	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	82951	20.565	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70164	18.689	ug/l	99
37) Ethyl Acetate	4.86	43	96471	19.358	ug/l	98
38) Carbon Tetrachloride	5.78	117	72573	18.389	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76779	20.028	ug/l	94
40) Benzene	6.14	78	220805	18.786	ug/l	99
41) Methacrylonitrile	5.06	41	53840	19.481	ug/l	96
42) 1,2-Dichloroethane	6.20	62	79889	19.227	ug/l	97
43) Isopropyl Acetate	6.46	43	139529	19.398	ug/l	95
44) Trichloroethene	7.21	130	58445	20.227	ug/l	95
45) 1,2-Dichloropropane	7.52	63	60421	20.962	ug/l	100
46) Dibromomethane	7.66	93	39184	21.631	ug/l	97
47) Bromodichloromethane	7.90	83	72326	21.326	ug/l	98
48) Methyl methacrylate	7.77	41	72011	22.057	ug/l	94
49) 1,4-Dioxane	7.76	88	34769	428.668	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	509020	112.391	ug/l	93
52) Toluene	8.79	92	136969	21.208	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	75705	19.753	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	84371	21.018	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58375	20.634	ug/l	94
56) Ethyl methacrylate	9.18	69	83245	19.957	ug/l	93
57) 1,3-Dichloropropane	9.37	76	96262	20.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	248154	110.246	ug/l	93
59) 2-Hexanone	9.50	43	398245	105.521	ug/l	92
60) Dibromochloromethane	9.59	129	57747	20.411	ug/l	100
61) 1,2-Dibromoethane	9.67	107	60002	19.804	ug/l	98
64) Tetrachloroethene	9.34	164	58544	19.171	ug/l	95
65) Chlorobenzene	10.14	112	152398	19.154	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	54631	19.531	ug/l	99
67) Ethyl Benzene	10.26	91	249227	19.730	ug/l	99
68) m/p-Xylenes	10.36	106	196804	39.870	ug/l	94
69) o-Xylene	10.70	106	93837	20.697	ug/l	95
70) Styrene	10.71	104	159232	20.115	ug/l	97
71) Bromoform	10.86	173	44811	18.712	ug/l	97
73) Isopropylbenzene	11.02	105	253987	21.539	ug/l	99
74) N-amyl acetate	10.90	43	118326	19.366	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	94431	19.672	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85854m	20.474	ug/l	
77) Bromobenzene	11.26	156	70344	20.538	ug/l	97
78) n-propylbenzene	11.36	91	290007	21.434	ug/l	99
79) 2-Chlorotoluene	11.42	91	178893	21.212	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	215923	19.859	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	22811	16.235	ug/l	95
82) 4-Chlorotoluene	11.51	91	208772	21.031	ug/l	100
83) tert-Butylbenzene	11.77	119	207757	21.399	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	222421	19.836	ug/l	97
85) sec-Butylbenzene	11.94	105	251676	21.282	ug/l	98
86) p-Isopropyltoluene	12.07	119	224437	20.948	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	127353	19.912	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	129784	19.657	ug/l	98
89) n-Butylbenzene	12.39	91	192855	19.820	ug/l	97
90) Hexachloroethane	12.60	117	34979	19.608	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	128100	19.166	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21327	20.235	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90566	19.316	ug/l	99
94) Hexachlorobutadiene	13.79	225	45326	18.643	ug/l	98
95) Naphthalene	13.83	128	285735	18.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	95543	19.727	ug/l	99

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

