

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072118\
 Data File : VX003571.D
 Acq On : 21 Jul 2018 23:17
 Operator : JC/SP
 Sample : VX0721WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:51 PM

Quant Time: Jul 23 04:11:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173175	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.50	113	168008	57.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.74%	
50) Toluene-d8	8.72	98	604137	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
62) 4-Bromofluorobenzene	11.14	95	217901	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51651	21.52	ug/l	96
3) Chloromethane	1.32	50	66651	22.18	ug/l	99
4) Vinyl Chloride	1.41	62	73688	19.55	ug/l #	88
5) Bromomethane	1.64	94	36623	23.10	ug/l	98
6) Chloroethane	1.73	64	46137	20.69	ug/l	99
7) Trichlorofluoromethane	1.93	101	98917	19.68	ug/l	95
8) Diethyl Ether	2.19	74	44662	20.68	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63940	19.43	ug/l	97
10) Methyl Iodide	2.51	142	79235	20.04	ug/l	93
11) Tert butyl alcohol	3.07	59	76160	109.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60860	20.09	ug/l	92
13) Acrolein	2.29	56	24182	77.03	ug/l	99
14) Allyl chloride	2.73	41	108964	20.32	ug/l #	86
15) Acrylonitrile	3.15	53	187912	106.22	ug/l	94
16) Acetone	2.45	43	142289	107.28	ug/l #	73
17) Carbon Disulfide	2.57	76	153743	18.76	ug/l	100
18) Methyl Acetate	2.78	43	89596	21.43	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	211611	21.39	ug/l	98
20) Methylene Chloride	2.86	84	69257	20.85	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	66719	19.79	ug/l	86
22) Diisopropyl ether	3.87	45	231795	22.97	ug/l	98
23) Vinyl Acetate	3.82	43	867841	104.39	ug/l	96
24) 1,1-Dichloroethane	3.70	63	124594	21.04	ug/l	97
25) 2-Butanone	4.71	43	248274	111.57	ug/l	93
26) 2,2-Dichloropropane	4.59	77	73509	16.35	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	79792	21.26	ug/l	87
28) Bromochloromethane	5.02	49	59888	23.14	ug/l	88
29) Tetrahydrofuran	5.16	42	163284	111.07	ug/l	92
30) Chloroform	5.22	83	128737	22.26	ug/l	96
31) Cyclohexane	5.58	56	108326	20.48	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	106351	21.48	ug/l	96
36) 1,1-Dichloropropene	5.80	75	88531	21.33	ug/l	99
37) Ethyl Acetate	4.87	43	96709	24.62	ug/l #	93
38) Carbon Tetrachloride	5.78	117	89477	21.98	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99992	20.34	ug/l	95
40) Benzene	6.15	78	265678	21.20	ug/l	99
41) Methacrylonitrile	5.06	41	54413	23.57	ug/l	92
42) 1,2-Dichloroethane	6.20	62	88383	22.38	ug/l	95
43) Isopropyl Acetate	6.46	43	133715	21.40	ug/l	93
44) Trichloroethene	7.21	130	81514	21.81	ug/l	98
45) 1,2-Dichloropropane	7.52	63	70207	22.06	ug/l	99
46) Dibromomethane	7.67	93	45895	22.40	ug/l	95
47) Bromodichloromethane	7.90	83	84091	22.42	ug/l	98
48) Methyl methacrylate	7.78	41	69238	21.97	ug/l	85
49) 1,4-Dioxane	7.76	88	32123	449.95	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	461846	117.00	ug/l	93
52) Toluene	8.79	92	171604	21.75	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	98007	21.23	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	87659	21.12	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	70218	22.37	ug/l	98
56) Ethyl methacrylate	9.18	69	96175	21.75	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	114209	22.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	229595	106.79	ug/l	98
59) 2-Hexanone	9.50	43	346586	118.51	ug/l	91
60) Dibromochloromethane	9.59	129	67577	21.75	ug/l	98
61) 1,2-Dibromoethane	9.67	107	71251	21.90	ug/l	99
64) Tetrachloroethene	9.34	164	92437	20.80	ug/l	97
65) Chlorobenzene	10.14	112	196409	20.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68927	21.31	ug/l	99
67) Ethyl Benzene	10.26	91	320394	21.20	ug/l	100
68) m/p-Xylenes	10.36	106	248998	42.03	ug/l	99
69) o-Xylene	10.70	106	119414	20.84	ug/l	99
70) Styrene	10.71	104	201728	21.41	ug/l	98
71) Bromoform	10.86	173	51100	20.34	ug/l #	99
73) Isopropylbenzene	11.02	105	323745	21.34	ug/l	99
74) N-amyl acetate	6.46	43	133715	20.76	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	96821	21.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89135m	22.62	ug/l	
77) Bromobenzene	11.26	156	90094	20.65	ug/l	99
78) n-propylbenzene	11.36	91	368681	21.86	ug/l	100
79) 2-Chlorotoluene	11.42	91	220928	21.58	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	270975	21.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22530	17.84	ug/l	97
82) 4-Chlorotoluene	11.51	91	257472	21.47	ug/l	99
83) tert-Butylbenzene	11.77	119	255294	20.91	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	278257	21.93	ug/l	98
85) sec-Butylbenzene	11.95	105	315445	21.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	283378	21.29	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	163906	20.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	164876	19.96	ug/l	99
89) n-Butylbenzene	12.39	91	233920	20.70	ug/l	100
90) Hexachloroethane	12.60	117	38240	20.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	162630	20.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18372	21.24	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111602	19.26	ug/l	99
94) Hexachlorobutadiene	13.79	225	52627	18.89	ug/l	99
95) Naphthalene	13.83	128	318479	20.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114725	20.00	ug/l	100

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

