

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072118\
 Data File : VX003572.D
 Acq On : 21 Jul 2018 23:44
 Operator : JC/SP
 Sample : VX0721WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:56 PM

Quant Time: Jul 23 04:18:45 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	305780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183403	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	165317	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	8.72	98	600563	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.14	95	217468	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49888	20.12	ug/l	96
3) Chloromethane	1.32	50	67686	21.83	ug/l	94
4) Vinyl Chloride	1.40	62	73913	19.03	ug/l	97
5) Bromomethane	1.64	94	37558	22.96	ug/l	88
6) Chloroethane	1.73	64	44545	19.38	ug/l	99
7) Trichlorofluoromethane	1.93	101	99576	19.21	ug/l	93
8) Diethyl Ether	2.19	74	45337	20.37	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64357	18.97	ug/l	98
10) Methyl Iodide	2.51	142	82853	20.33	ug/l	94
11) Tert butyl alcohol	3.07	59	78855	110.09	ug/l	99
12) 1,1-Dichloroethene	2.38	96	62592	20.04	ug/l #	69
13) Acrolein	2.29	56	27429	84.76	ug/l	94
14) Allyl chloride	2.73	41	107786	19.50	ug/l #	85
15) Acrylonitrile	3.15	53	201659	110.59	ug/l	91
16) Acetone	2.45	43	153363	112.17	ug/l	94
17) Carbon Disulfide	2.57	76	168028	19.89	ug/l	100
18) Methyl Acetate	2.78	43	94490	21.92	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	203024	19.91	ug/l	100
20) Methylene Chloride	2.86	84	70375	20.54	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	70009	20.15	ug/l	83
22) Diisopropyl ether	3.87	45	236810	22.76	ug/l	90
23) Vinyl Acetate	3.82	43	903377	105.42	ug/l	95
24) 1,1-Dichloroethane	3.70	63	132041	21.63	ug/l	99
25) 2-Butanone	4.71	43	257415	112.21	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	76324	16.46	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	84025	21.72	ug/l	97
28) Bromochloromethane	5.01	49	58349	21.87	ug/l	85
29) Tetrahydrofuran	5.17	42	168449	111.16	ug/l	92
30) Chloroform	5.21	83	132413	22.22	ug/l	99
31) Cyclohexane	5.57	56	106208	19.47	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	105989	20.77	ug/l	98
36) 1,1-Dichloropropene	5.80	75	86657	19.85	ug/l	97
37) Ethyl Acetate	4.86	43	95879	23.21	ug/l #	93
38) Carbon Tetrachloride	5.79	117	91053	21.26	ug/l	97

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

39) Methylcyclohexane	7.46	83	95811	18.53	ug/l	96
40) Benzene	6.15	78	266328	20.21	ug/l	100
41) Methacrylonitrile	5.06	41	59714	24.59	ug/l	90
42) 1,2-Dichloroethane	6.20	62	91744	22.09	ug/l	96
43) Isopropyl Acetate	6.47	43	138172	21.03	ug/l	94
44) Trichloroethene	7.21	130	78767	20.04	ug/l	98
45) 1,2-Dichloropropane	7.52	63	69254	20.69	ug/l	98
46) Dibromomethane	7.67	93	46395	21.53	ug/l	99
47) Bromodichloromethane	7.90	83	82982	21.04	ug/l	97
48) Methyl methacrylate	7.78	41	71428	21.55	ug/l	87
49) 1,4-Dioxane	7.76	88	32197	428.80	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	461556	111.18	ug/l	93
52) Toluene	8.79	92	171309	20.65	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96459	19.87	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	85955	19.69	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	69738	21.12	ug/l	97
56) Ethyl methacrylate	9.18	69	95697	20.58	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	114357	21.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	231314	102.30	ug/l	98
59) 2-Hexanone	9.50	43	342738	111.43	ug/l	90
60) Dibromochloromethane	9.59	129	66246	20.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71431	20.87	ug/l	99
64) Tetrachloroethene	9.34	164	89660	19.43	ug/l	97
65) Chlorobenzene	10.14	112	194508	19.93	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	68114	20.28	ug/l	99
67) Ethyl Benzene	10.26	91	316107	20.14	ug/l	100
68) m/p-Xylenes	10.36	106	247801	40.28	ug/l	98
69) o-Xylene	10.70	106	119513	20.09	ug/l	96
70) Styrene	10.71	104	200467	20.48	ug/l	98
71) Bromoform	10.86	173	50617	19.40	ug/l #	100
73) Isopropylbenzene	11.02	105	321601	20.45	ug/l	100
74) N-amyl acetate	6.47	43	138172	20.69	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	95698	20.77	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87854m	21.51	ug/l	
77) Bromobenzene	11.26	156	87799	19.41	ug/l	99
78) n-propylbenzene	11.36	91	362409	20.73	ug/l	98
79) 2-Chlorotoluene	11.43	91	217107	20.46	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	267055	20.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23069	17.65	ug/l	94
82) 4-Chlorotoluene	11.51	91	253780	20.41	ug/l	98
83) tert-Butylbenzene	11.77	119	255036	20.15	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	275068	20.92	ug/l	98
85) sec-Butylbenzene	11.95	105	312361	20.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	279819	20.28	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160964	19.36	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	163377	19.08	ug/l	100
89) n-Butylbenzene	12.39	91	228511	19.50	ug/l	100
90) Hexachloroethane	12.60	117	37883	19.31	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	163110	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18973	21.15	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112076	18.66	ug/l	100
94) Hexachlorobutadiene	13.79	225	53110	18.39	ug/l	99
95) Naphthalene	13.83	128	318223	20.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116333	19.57	ug/l	100

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

