

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003553.D
 Acq On : 21 Jul 2018 14:28
 Operator : JC/SP
 Sample : VX0721WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Manual Integrations
 APPROVED

Quant Time: Jul 23 02:13:10 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

MMDadoda
 7/23/2018 3:19:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206266	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	175468	58.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.02%	
35) Dibromofluoromethane	5.51	113	150119	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	8.72	98	550329	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	198479	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41324	19.936	ug/l	100
3) Chloromethane	1.32	50	57025	22.020	ug/l	98
4) Vinyl Chloride	1.40	62	60202	18.544	ug/l	99
5) Bromomethane	1.64	94	34929	25.848	ug/l	100
6) Chloroethane	1.73	64	41071	21.380	ug/l	98
7) Trichlorofluoromethane	1.93	101	84758	19.569	ug/l	98
8) Diethyl Ether	2.19	74	39822	21.408	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54825	19.340	ug/l	98
10) Methyl Iodide	2.51	142	74080	21.754	ug/l	92
11) Tert butyl alcohol	3.07	59	72808	121.631	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50975	19.530	ug/l	90
13) Acrolein	2.29	56	25427	94.014	ug/l	99
14) Allyl chloride	2.73	41	96382	20.859	ug/l	87
15) Acrylonitrile	3.15	53	177712	116.609	ug/l	98
16) Acetone	2.45	43	135025	118.169	ug/l	90
17) Carbon Disulfide	2.57	76	132118	18.715	ug/l	98
18) Methyl Acetate	2.78	43	88766	24.642	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	197606	23.184	ug/l	99
20) Methylene Chloride	2.86	84	65775	23.076	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	58204	20.042	ug/l	93
22) Diisopropyl ether	3.87	45	197986	22.772	ug/l	97
23) Vinyl Acetate	3.82	43	818654	114.309	ug/l	95
24) 1,1-Dichloroethane	3.70	63	107195	21.014	ug/l	99
25) 2-Butanone	4.71	43	238606	124.459	ug/l	91
26) 2,2-Dichloropropane	4.59	77	79123	20.422	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	69393	21.460	ug/l	84
28) Bromochloromethane	5.03	49	51073	22.906	ug/l	93
29) Tetrahydrofuran	5.17	42	154170	121.734	ug/l	93
30) Chloroform	5.21	83	114702	23.027	ug/l	100
31) Cyclohexane	5.57	56	90756	19.912	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	90980	21.329	ug/l	97
36) 1,1-Dichloropropene	5.80	75	77816	19.275	ug/l	98
37) Ethyl Acetate	4.87	43	90125	23.591	ug/l	95
38) Carbon Tetrachloride	5.78	117	77271	19.513	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89124	18.639	ug/l	96
40) Benzene	6.15	78	252762	20.737	ug/l	99
41) Methacrylonitrile	5.07	41	52152	23.227	ug/l	94
42) 1,2-Dichloroethane	6.20	62	88619	23.075	ug/l	96
43) Isopropyl Acetate	6.47	43	141250	23.243	ug/l	94
44) Trichloroethene	7.21	130	73870	20.321	ug/l	97
45) 1,2-Dichloropropane	7.52	63	67817	21.911	ug/l	100
46) Dibromomethane	7.67	93	44998	22.583	ug/l	97
47) Bromodichloromethane	7.90	83	82165	22.524	ug/l #	87
48) Methyl methacrylate	7.78	41	71360	23.285	ug/l	87
49) 1,4-Dioxane	7.76	88	31990	460.698	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	470237	122.483	ug/l	93
52) Toluene	8.79	92	157302	20.502	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	96568	21.508	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	87824	21.751	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	68693	22.500	ug/l	98
56) Ethyl methacrylate	9.18	69	94033	21.867	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	111572	22.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237263	113.467	ug/l	99
59) 2-Hexanone	9.50	43	349124	122.735	ug/l	91
60) Dibromochloromethane	9.59	129	63988	21.174	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70202	22.181	ug/l	99
64) Tetrachloroethene	9.34	164	83141	19.355	ug/l	97
65) Chlorobenzene	10.14	112	179623	19.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63561	20.337	ug/l	99
67) Ethyl Benzene	10.26	91	287619	19.692	ug/l	99
68) m/p-Xylenes	10.36	106	227114	39.664	ug/l	97
69) o-Xylene	10.70	106	109594	19.793	ug/l	99
70) Styrene	10.71	104	185758	20.395	ug/l	97
71) Bromoform	10.86	173	48227	19.860	ug/l #	99
73) Isopropylbenzene	11.02	105	291489	20.433	ug/l	100
74) N-amyl acetate	6.47	43	141250	23.319	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	95515	22.849	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87001m	23.479	ug/l	
77) Bromobenzene	11.26	156	82519	20.112	ug/l	98
78) n-propylbenzene	11.36	91	325914	20.553	ug/l	99
79) 2-Chlorotoluene	11.42	91	199080	20.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	243798	20.795	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24227	20.057	ug/l	97
82) 4-Chlorotoluene	11.51	91	231755	20.546	ug/l	99
83) tert-Butylbenzene	11.77	119	229413	19.982	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	249018	20.874	ug/l	98
85) sec-Butylbenzene	11.95	105	281464	20.183	ug/l	100
86) p-Isopropyltoluene	12.07	119	255367	20.405	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	146878	19.475	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150345	19.352	ug/l	99
89) n-Butylbenzene	12.39	91	209675	19.730	ug/l	100
90) Hexachloroethane	12.60	117	33920	19.066	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	148892	20.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18351	22.557	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102079	18.738	ug/l	99
94) Hexachlorobutadiene	13.79	225	48391	18.470	ug/l	98
95) Naphthalene	13.83	128	307358	21.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	106194	19.691	ug/l	99

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

