

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011189.D
 Acq On : 30 Jul 2019 12:59
 Operator : JC/SP
 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:53:44 AM

Quant Time: Jul 31 07:55:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97096	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	5.50	113	87094	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	323267	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	11.13	95	118461	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	33006	18.025	ug/l	97
3) Chloromethane	1.33	50	31254	19.404	ug/l	100
4) Vinyl Chloride	1.41	62	32055	19.511	ug/l	98
5) Bromomethane	1.64	94	20670	22.326	ug/l	97
6) Chloroethane	1.72	64	21875	20.952	ug/l	94
7) Trichlorofluoromethane	1.93	101	57185	20.562	ug/l	98
8) Diethyl Ether	2.19	74	19342	20.185	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31611	19.907	ug/l	97
10) Methyl Iodide	2.51	142	24841	11.921	ug/l	98
11) Tert butyl alcohol	3.04	59	41497	95.622	ug/l	98
12) 1,1-Dichloroethene	2.37	96	28980	18.575	ug/l	96
13) Acrolein	2.29	56	14089	56.191	ug/l	98
14) Allyl chloride	2.73	41	42452	18.733	ug/l	98
15) Acrylonitrile	3.14	53	91136	103.928	ug/l	99
16) Acetone	2.44	43	84370	100.249	ug/l	99
17) Carbon Disulfide	2.57	76	60781	15.187	ug/l	100
18) Methyl Acetate	2.78	43	44217	23.074	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	100026	19.916	ug/l	100
20) Methylene Chloride	2.85	84	35108	19.684	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	30889	18.659	ug/l	93
22) Diisopropyl ether	3.85	45	98037	20.512	ug/l	97
23) Vinyl Acetate	3.81	43	399326	98.606	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54935	19.791	ug/l	98
25) 2-Butanone	4.67	43	124501	103.054	ug/l	100
26) 2,2-Dichloropropane	4.59	77	43007	18.870	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	37235	19.435	ug/l	99
28) Bromochloromethane	5.01	49	21121	16.147	ug/l	96
29) Tetrahydrofuran	5.13	42	80618	105.346	ug/l	97
30) Chloroform	5.21	83	60948	20.314	ug/l	96
31) Cyclohexane	5.59	56	46314	18.305	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50747	19.550	ug/l	99
36) 1,1-Dichloropropene	5.80	75	41339	19.598	ug/l	98
37) Ethyl Acetate	4.83	43	45341	20.992	ug/l	98
38) Carbon Tetrachloride	5.79	117	43783	19.920	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49336	18.036	ug/l	99
40) Benzene	6.14	78	129800	20.089	ug/l	100
41) Methacrylonitrile	5.04	41	24945	20.345	ug/l	97
42) 1,2-Dichloroethane	6.20	62	46920	20.885	ug/l	99
43) Isopropyl Acetate	6.44	43	71592	20.158	ug/l	99
44) Trichloroethene	7.21	130	36842	19.263	ug/l	99
45) 1,2-Dichloropropane	7.51	63	33622	20.445	ug/l	97
46) Dibromomethane	7.66	93	23931	20.365	ug/l	99
47) Bromodichloromethane	7.90	83	42505	20.320	ug/l	97
48) Methyl methacrylate	7.77	41	35749	20.663	ug/l	97
49) 1,4-Dioxane	7.74	88	19185	396.424	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	250129	108.647	ug/l	99
52) Toluene	8.78	92	85621	20.172	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	42608	18.943	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	48486	19.373	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35826	20.499	ug/l	99
56) Ethyl methacrylate	9.18	69	51710	20.227	ug/l	98
57) 1,3-Dichloropropane	9.37	76	57010	20.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	125034	102.457	ug/l	100
59) 2-Hexanone	9.49	43	194533	108.943	ug/l	100
60) Dibromochloromethane	9.58	129	35879	19.464	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37659	20.304	ug/l	99
64) Tetrachloroethene	9.33	164	36801	19.718	ug/l	98
65) Chlorobenzene	10.13	112	96905	19.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33687	19.670	ug/l	96
67) Ethyl Benzene	10.25	91	164048	19.779	ug/l	99
68) m/p-Xylenes	10.35	106	125597	39.476	ug/l	100
69) o-Xylene	10.69	106	61845	19.917	ug/l	100
70) Styrene	10.71	104	104434	20.176	ug/l	100
71) Bromoform	10.85	173	25904	18.315	ug/l #	98
73) Isopropylbenzene	11.02	105	168840	19.585	ug/l	100
74) N-amyl acetate	10.90	43	62983	19.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	57852	20.506	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	47780m	20.753	ug/l	
77) Bromobenzene	11.25	156	46561	19.581	ug/l	97
78) n-propylbenzene	11.36	91	185054	19.428	ug/l	100
79) 2-Chlorotoluene	11.42	91	111582	19.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	141706	19.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13875	18.033	ug/l #	86
82) 4-Chlorotoluene	11.51	91	129294	19.414	ug/l	99
83) tert-Butylbenzene	11.77	119	138510	19.576	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	141625	19.506	ug/l	100
85) sec-Butylbenzene	11.94	105	165551	19.968	ug/l	100
86) p-Isopropyltoluene	12.06	119	152250	19.863	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80852	19.593	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	82201	19.422	ug/l	99
89) n-Butylbenzene	12.38	91	128119	19.538	ug/l	99
90) Hexachloroethane	12.59	117	21737	17.980	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81644	19.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11968	20.294	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54048	19.500	ug/l	99
94) Hexachlorobutadiene	13.78	225	27750	20.203	ug/l	98
95) Naphthalene	13.83	128	168445	20.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57071	20.694	ug/l	100

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

