

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011163.D
 Acq On : 29 Jul 2019 23:12
 Operator : JC/SP
 Sample : VX0729WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:17:45 AM

Quant Time: Jul 30 06:49:09 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	184684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103626	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	5.50	113	92719	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	341517	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	125191	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33951	17.598	ug/l	98
3) Chloromethane	1.33	50	32036	18.863	ug/l	98
4) Vinyl Chloride	1.41	62	33389	19.274	ug/l	99
5) Bromomethane	1.64	94	21679	22.208	ug/l	99
6) Chloroethane	1.72	64	23438	21.291	ug/l	99
7) Trichlorofluoromethane	1.93	101	59869	20.417	ug/l	97
8) Diethyl Ether	2.19	74	20465	20.256	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32661	19.507	ug/l	97
10) Methyl Iodide	2.51	142	26979	12.279	ug/l	100
11) Tert butyl alcohol	3.04	59	46977	102.665	ug/l	100
12) 1,1-Dichloroethene	2.37	96	32157	19.548	ug/l	95
13) Acrolein	2.29	56	16218	61.346	ug/l	99
14) Allyl chloride	2.73	41	46181	19.327	ug/l	98
15) Acrylonitrile	3.14	53	96849	104.745	ug/l	99
16) Acetone	2.45	43	80304	90.496	ug/l	98
17) Carbon Disulfide	2.57	76	65489	15.520	ug/l	99
18) Methyl Acetate	2.78	43	46920	23.221	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	106127	20.040	ug/l	98
20) Methylene Chloride	2.85	84	36703	19.517	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	32420	18.574	ug/l	98
22) Diisopropyl ether	3.85	45	103668	20.571	ug/l	100
23) Vinyl Acetate	3.82	43	421807	98.785	ug/l	100
24) 1,1-Dichloroethane	3.70	63	58311	19.924	ug/l	99
25) 2-Butanone	4.67	43	128950	101.231	ug/l	100
26) 2,2-Dichloropropane	4.59	77	37154	15.461	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	40368	19.983	ug/l	96
28) Bromochloromethane	5.02	49	25024	18.144	ug/l	96
29) Tetrahydrofuran	5.13	42	82149	101.810	ug/l	99
30) Chloroform	5.21	83	63842	20.181	ug/l	99
31) Cyclohexane	5.57	56	48507	18.183	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53539	19.562	ug/l	99
36) 1,1-Dichloropropene	5.80	75	44239	19.388	ug/l	99
37) Ethyl Acetate	4.83	43	47691	20.412	ug/l	98
38) Carbon Tetrachloride	5.79	117	46522	19.566	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52344	17.690	ug/l	98
40) Benzene	6.14	78	138200	19.773	ug/l	98
41) Methacrylonitrile	5.04	41	26300	19.829	ug/l	99
42) 1,2-Dichloroethane	6.19	62	49751	20.472	ug/l	100
43) Isopropyl Acetate	6.45	43	75291	19.598	ug/l	99
44) Trichloroethene	7.21	130	39270	18.981	ug/l	93
45) 1,2-Dichloropropane	7.51	63	35385	19.891	ug/l	97
46) Dibromomethane	7.66	93	25918	20.389	ug/l	98
47) Bromodichloromethane	7.90	83	44757	19.780	ug/l	97
48) Methyl methacrylate	7.77	41	36779	19.652	ug/l	98
49) 1,4-Dioxane	7.74	88	21589	412.391	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	260746	104.701	ug/l	99
52) Toluene	8.78	92	88885	19.358	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44308	18.211	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	51188	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38240	20.227	ug/l	98
56) Ethyl methacrylate	9.18	69	55085	19.919	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61086	20.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	127326	96.452	ug/l	99
59) 2-Hexanone	9.49	43	203207	105.202	ug/l	99
60) Dibromochloromethane	9.58	129	38702	19.416	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41133	20.501	ug/l	98
64) Tetrachloroethene	9.34	164	40004	19.923	ug/l	97
65) Chlorobenzene	10.13	112	101405	19.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36925	20.041	ug/l	98
67) Ethyl Benzene	10.25	91	174010	19.501	ug/l	99
68) m/p-Xylenes	10.36	106	133678	39.054	ug/l	98
69) o-Xylene	10.69	106	64446	19.292	ug/l	99
70) Styrene	10.71	104	111351	19.996	ug/l	99
71) Bromoform	10.85	173	27274	17.978	ug/l #	100
73) Isopropylbenzene	11.02	105	177045	19.706	ug/l	100
74) N-amyl acetate	10.90	43	67203	19.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61283	20.843	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	50389m	21.001	ug/l	
77) Bromobenzene	11.25	156	47887	19.323	ug/l	99
78) n-propylbenzene	11.36	91	193314	19.474	ug/l	99
79) 2-Chlorotoluene	11.42	91	116170	19.481	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	147098	19.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13227	16.835	ug/l #	87
82) 4-Chlorotoluene	11.51	91	134835	19.427	ug/l	99
83) tert-Butylbenzene	11.77	119	146220	19.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148556	19.633	ug/l	99
85) sec-Butylbenzene	11.94	105	171905	19.895	ug/l	99
86) p-Isopropyltoluene	12.06	119	157535	19.721	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	84425	19.630	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84808	19.227	ug/l	97
89) n-Butylbenzene	12.38	91	130497	19.095	ug/l	98
90) Hexachloroethane	12.59	117	23080	18.318	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	85936	20.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12350	20.095	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	56672	19.619	ug/l	99
94) Hexachlorobutadiene	13.78	225	28114	19.640	ug/l	98
95) Naphthalene	13.83	128	176738	20.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59477	20.694	ug/l	99

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

