

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070919\
 Data File : VX010741.D
 Acq On : 09 Jul 2019 11:30
 Operator : JC/SP
 Sample : VX0709WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:19:34 AM

Quant Time: Jul 09 12:44:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	331827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104347	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	100755	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	371591	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	134391	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35336	22.904	ug/l	97
3) Chloromethane	1.33	50	36572	20.358	ug/l	99
4) Vinyl Chloride	1.41	62	39225	19.935	ug/l	98
5) Bromomethane	1.64	94	23761	24.787	ug/l	94
6) Chloroethane	1.72	64	25742	22.174	ug/l	97
7) Trichlorofluoromethane	1.93	101	67118	21.518	ug/l	100
8) Diethyl Ether	2.19	74	22967	20.532	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39503	20.898	ug/l	99
10) Methyl Iodide	2.51	142	40690	15.083	ug/l	96
11) Tert butyl alcohol	3.04	59	47393	87.051	ug/l	97
12) 1,1-Dichloroethene	2.37	96	37970	19.741	ug/l	93
13) Acrolein	2.29	56	29430	81.488	ug/l	99
14) Allyl chloride	2.73	41	53167	19.470	ug/l	96
15) Acrylonitrile	3.14	53	109953	102.006	ug/l	99
16) Acetone	2.44	43	100390	96.275	ug/l	97
17) Carbon Disulfide	2.57	76	91997	17.828	ug/l	100
18) Methyl Acetate	2.78	43	43840	21.095	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	122931	20.316	ug/l	98
20) Methylene Chloride	2.85	84	43313	20.184	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41090	19.863	ug/l	96
22) Diisopropyl ether	3.85	45	115796	20.282	ug/l	95
23) Vinyl Acetate	3.81	43	503556	102.094	ug/l	98
24) 1,1-Dichloroethane	3.70	63	67211	20.366	ug/l	99
25) 2-Butanone	4.67	43	150884	98.645	ug/l	97
26) 2,2-Dichloropropane	4.58	77	52680	18.375	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	47613	19.917	ug/l	98
28) Bromochloromethane	5.01	49	29420	18.645	ug/l #	93
29) Tetrahydrofuran	5.13	42	94905	100.172	ug/l	99
30) Chloroform	5.21	83	71544	20.148	ug/l	97
31) Cyclohexane	5.58	56	60145	20.013	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	62019	19.780	ug/l	100
36) 1,1-Dichloropropene	5.80	75	50896	19.302	ug/l	99
37) Ethyl Acetate	4.83	43	54773	20.191	ug/l	99
38) Carbon Tetrachloride	5.79	117	53089	18.593	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67787	19.557	ug/l	97
40) Benzene	6.14	78	163785	19.937	ug/l	100
41) Methacrylonitrile	5.04	41	30264	20.333	ug/l	97
42) 1,2-Dichloroethane	6.19	62	53805	21.516	ug/l	99
43) Isopropyl Acetate	6.44	43	86873	19.356	ug/l	99
44) Trichloroethene	7.21	130	48001	19.527	ug/l	95
45) 1,2-Dichloropropane	7.51	63	41546	20.026	ug/l	97
46) Dibromomethane	7.66	93	30129	20.242	ug/l	95
47) Bromodichloromethane	7.90	83	51127	18.743	ug/l	99
48) Methyl methacrylate	7.77	41	41539	19.912	ug/l	99
49) 1,4-Dioxane	7.74	88	24203	402.735	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	294920	102.744	ug/l	98
52) Toluene	8.79	92	105761	19.549	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53744	17.574	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	61305	18.447	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44029	19.733	ug/l	99
56) Ethyl methacrylate	9.18	69	64929	19.210	ug/l	96
57) 1,3-Dichloropropane	9.37	76	69591	20.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	149549	93.164	ug/l	100
59) 2-Hexanone	9.49	43	228197	101.011	ug/l	98
60) Dibromochloromethane	9.58	129	43446	17.391	ug/l	100
61) 1,2-Dibromoethane	9.67	107	46475	19.298	ug/l	100
64) Tetrachloroethene	9.34	164	47547	19.689	ug/l	96
65) Chlorobenzene	10.14	112	120365	19.857	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41424	18.761	ug/l	99
67) Ethyl Benzene	10.25	91	205718	20.103	ug/l	99
68) m/p-Xylenes	10.36	106	159277	40.169	ug/l	99
69) o-Xylene	10.70	106	78473	20.124	ug/l	98
70) Styrene	10.71	104	130880	20.014	ug/l	99
71) Bromoform	10.85	173	31193	16.246	ug/l #	99
73) Isopropylbenzene	11.02	105	205346	19.485	ug/l	98
74) N-amyl acetate	10.90	43	78830	19.792	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68138	19.523	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	55804m	19.698	ug/l	
77) Bromobenzene	11.26	156	56098	19.063	ug/l	99
78) n-propylbenzene	11.36	91	226677	19.570	ug/l	99
79) 2-Chlorotoluene	11.42	91	134418	19.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171467	19.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17866	14.712	ug/l #	88
82) 4-Chlorotoluene	11.51	91	153757	19.591	ug/l	100
83) tert-Butylbenzene	11.77	119	168306	19.301	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	170669	19.553	ug/l	100
85) sec-Butylbenzene	11.94	105	198304	19.369	ug/l	99
86) p-Isopropyltoluene	12.06	119	182745	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	98654	19.206	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	98344	18.806	ug/l	98
89) n-Butylbenzene	12.38	91	150999	18.764	ug/l	99
90) Hexachloroethane	12.59	117	26226	16.016	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	97557	19.109	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13133	17.453	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64646	18.259	ug/l	99
94) Hexachlorobutadiene	13.78	225	31173	18.016	ug/l	99
95) Naphthalene	13.83	128	198651	18.259	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65930	18.730	ug/l	99

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

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