

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010581.D
 Acq On : 01 Jul 2019 11:27
 Operator : JC/SP
 Sample : VX0701WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 9:55:06 AM

Quant Time: Jul 02 05:34:56 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	5.66	168	245569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122759	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
35) Dibromofluoromethane	5.50	113	118943	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	8.71	98	440673	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	154750	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29970	17.554	ug/l	98
3) Chloromethane	1.33	50	34294	17.250	ug/l	100
4) Vinyl Chloride	1.41	62	37322	17.140	ug/l	100
5) Bromomethane	1.64	94	24512	23.107	ug/l	98
6) Chloroethane	1.73	64	24755	19.270	ug/l	99
7) Trichlorofluoromethane	1.93	101	67505	19.556	ug/l	99
8) Diethyl Ether	2.19	74	24472	19.770	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39421	18.845	ug/l	97
10) Methyl Iodide	2.51	142	53585	17.950	ug/l	96
11) Tert butyl alcohol	3.05	59	53487	88.778	ug/l	96
12) 1,1-Dichloroethene	2.37	96	39380	18.501	ug/l	97
13) Acrolein	2.29	56	39607	99.100	ug/l	99
14) Allyl chloride	2.73	41	56194	18.595	ug/l	98
15) Acrylonitrile	3.15	53	118861	99.646	ug/l	99
16) Acetone	2.45	43	107333	93.016	ug/l	97
17) Carbon Disulfide	2.57	76	86636	15.171	ug/l	99
18) Methyl Acetate	2.78	43	48300	21.002	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	131376	19.620	ug/l	98
20) Methylene Chloride	2.86	84	45945	19.348	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	42322	18.487	ug/l	96
22) Diisopropyl ether	3.86	45	125550	19.871	ug/l	92
23) Vinyl Acetate	3.82	43	540143	98.960	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70613	19.335	ug/l	99
25) 2-Butanone	4.68	43	166075	98.115	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58830	18.543	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51248	19.372	ug/l	99
28) Bromochloromethane	5.02	49	34595	19.812	ug/l	97
29) Tetrahydrofuran	5.13	42	103412	98.634	ug/l	99
30) Chloroform	5.21	83	78072	19.868	ug/l	95
31) Cyclohexane	5.58	56	60947	18.326	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	66307	19.110	ug/l	100
36) 1,1-Dichloropropene	5.80	75	54385	18.877	ug/l	99
37) Ethyl Acetate	4.84	43	58699	19.805	ug/l	98
38) Carbon Tetrachloride	5.79	117	57305	18.368	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69135	18.256	ug/l	99
40) Benzene	6.15	78	175193	19.519	ug/l	100
41) Methacrylonitrile	5.05	41	31899	19.615	ug/l	97
42) 1,2-Dichloroethane	6.20	62	56315	20.611	ug/l	99
43) Isopropyl Acetate	6.45	43	98710	20.130	ug/l	98
44) Trichloroethene	7.21	130	51116	19.032	ug/l	98
45) 1,2-Dichloropropane	7.52	63	44820	19.774	ug/l	95
46) Dibromomethane	7.66	93	32122	19.752	ug/l	98
47) Bromodichloromethane	7.90	83	56863	19.080	ug/l	99
48) Methyl methacrylate	7.77	41	44981	19.735	ug/l	99
49) 1,4-Dioxane	7.74	88	26111	397.666	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	319514	101.879	ug/l	99
52) Toluene	8.78	92	115052	19.465	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61649	18.450	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	68872	18.967	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48975	20.090	ug/l	99
56) Ethyl methacrylate	9.18	69	70737	19.155	ug/l	97
57) 1,3-Dichloropropane	9.37	76	75100	19.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	175208	99.899	ug/l	99
59) 2-Hexanone	9.49	43	248986	100.873	ug/l	99
60) Dibromochloromethane	9.58	129	50193	18.389	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51903	19.725	ug/l	99
64) Tetrachloroethene	9.33	164	51090	19.143	ug/l	99
65) Chlorobenzene	10.14	112	130178	19.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47097	19.301	ug/l	99
67) Ethyl Benzene	10.25	91	219235	19.385	ug/l	100
68) m/p-Xylenes	10.36	106	168118	38.365	ug/l	100
69) o-Xylene	10.69	106	81911	19.008	ug/l	99
70) Styrene	10.71	104	140010	19.373	ug/l	100
71) Bromoform	10.85	173	38268	18.034	ug/l #	99
73) Isopropylbenzene	11.02	105	220798	19.533	ug/l	99
74) N-amyl acetate	10.90	43	85213	19.947	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75248	20.101	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60742m	19.990	ug/l	
77) Bromobenzene	11.26	156	60874	19.287	ug/l	99
78) n-propylbenzene	11.36	91	239709	19.295	ug/l	100
79) 2-Chlorotoluene	11.42	91	142707	19.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	179675	19.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21952	16.854	ug/l	92
82) 4-Chlorotoluene	11.51	91	160814	19.104	ug/l	98
83) tert-Butylbenzene	11.77	119	183088	19.576	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	182224	19.464	ug/l	98
85) sec-Butylbenzene	11.94	105	213920	19.480	ug/l	99
86) p-Isopropyltoluene	12.06	119	195466	19.244	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	105133	19.082	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106313	18.954	ug/l	99
89) n-Butylbenzene	12.38	91	164024	19.003	ug/l	99
90) Hexachloroethane	12.60	117	30447	17.335	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	105568	19.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14942	18.513	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	72116	18.991	ug/l	98
94) Hexachlorobutadiene	13.78	225	36118	19.461	ug/l	99
95) Naphthalene	13.83	128	225012	19.282	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72616	19.233	ug/l	99

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

