

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011082.D
 Acq On : 26 Jul 2019 11:55
 Operator : JC/SP
 Sample : VX0726WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:44 AM

Quant Time: Jul 27 02:25:47 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	209449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107017	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	5.49	113	95324	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	351592	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	128852	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39450	18.017	ug/l	98
3) Chloromethane	1.33	50	35157	18.253	ug/l	97
4) Vinyl Chloride	1.41	62	36297	18.476	ug/l	97
5) Bromomethane	1.64	94	22846	20.636	ug/l	99
6) Chloroethane	1.72	64	23332	18.688	ug/l	97
7) Trichlorofluoromethane	1.93	101	62853	18.900	ug/l	100
8) Diethyl Ether	2.19	74	21593	18.845	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35392	18.639	ug/l	98
10) Methyl Iodide	2.51	142	39166	15.718	ug/l	99
11) Tert butyl alcohol	3.04	59	46645	89.887	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34414	18.446	ug/l	96
13) Acrolein	2.29	56	17135	57.151	ug/l	96
14) Allyl chloride	2.73	41	50476	18.627	ug/l	98
15) Acrylonitrile	3.14	53	98691	94.117	ug/l	99
16) Acetone	2.44	43	90012	89.442	ug/l	98
17) Carbon Disulfide	2.57	76	75340	15.743	ug/l	98
18) Methyl Acetate	2.78	43	46326	20.216	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	114557	19.074	ug/l	95
20) Methylene Chloride	2.85	84	39401	18.475	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36263	18.319	ug/l	97
22) Diisopropyl ether	3.85	45	108386	18.964	ug/l	98
23) Vinyl Acetate	3.81	43	454029	93.758	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62083	18.704	ug/l	100
25) 2-Butanone	4.67	43	133813	92.628	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49687	18.232	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42096	18.375	ug/l	98
28) Bromochloromethane	5.02	49	27853	17.808	ug/l	100
29) Tetrahydrofuran	5.13	42	84061	91.861	ug/l	99
30) Chloroform	5.21	83	67894	18.924	ug/l	96
31) Cyclohexane	5.57	56	54467	18.003	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	58147	18.734	ug/l	98
36) 1,1-Dichloropropene	5.80	75	47004	18.439	ug/l	98
37) Ethyl Acetate	4.83	43	47841	18.328	ug/l	95
38) Carbon Tetrachloride	5.79	117	50461	18.997	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58638	17.738	ug/l	99
40) Benzene	6.14	78	146480	18.759	ug/l	100
41) Methacrylonitrile	5.04	41	27614	18.636	ug/l	97
42) 1,2-Dichloroethane	6.19	62	52867	19.472	ug/l	100
43) Isopropyl Acetate	6.45	43	79766	18.585	ug/l	99
44) Trichloroethene	7.21	130	43159	18.673	ug/l	99
45) 1,2-Dichloropropane	7.51	63	37637	18.938	ug/l	100
46) Dibromomethane	7.66	93	27503	19.367	ug/l	98
47) Bromodichloromethane	7.90	83	48413	19.151	ug/l	99
48) Methyl methacrylate	7.77	41	39460	18.873	ug/l	97
49) 1,4-Dioxane	7.74	88	22069	377.341	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	267414	96.115	ug/l	100
52) Toluene	8.78	92	94178	18.360	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	50945	18.742	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	56279	18.607	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	40922	19.375	ug/l	97
56) Ethyl methacrylate	9.18	69	58776	19.025	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64429	19.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	147485	100.004	ug/l	98
59) 2-Hexanone	9.49	43	206160	95.536	ug/l	100
60) Dibromochloromethane	9.58	129	40486	18.341	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42803	19.096	ug/l	99
64) Tetrachloroethene	9.34	164	42816	19.234	ug/l	98
65) Chlorobenzene	10.13	112	109091	18.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	39041	19.113	ug/l	99
67) Ethyl Benzene	10.25	91	187487	18.952	ug/l	100
68) m/p-Xylenes	10.35	106	143912	37.923	ug/l	100
69) o-Xylene	10.69	106	69364	18.729	ug/l	99
70) Styrene	10.71	104	117098	18.967	ug/l	99
71) Bromoform	10.85	173	29883	17.797	ug/l #	99
73) Isopropylbenzene	11.02	105	190127	18.749	ug/l	99
74) N-amyl acetate	10.90	43	71011	18.327	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62636	18.874	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53268m	19.669	ug/l	
77) Bromobenzene	11.25	156	50712	18.130	ug/l	97
78) n-propylbenzene	11.36	91	208056	18.569	ug/l	100
79) 2-Chlorotoluene	11.42	91	126903	18.854	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	158303	18.682	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15765	17.554	ug/l	92
82) 4-Chlorotoluene	11.51	91	147474	18.825	ug/l	100
83) tert-Butylbenzene	11.77	119	158571	19.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	160731	18.820	ug/l	100
85) sec-Butylbenzene	11.94	105	186346	19.108	ug/l	100
86) p-Isopropyltoluene	12.06	119	171577	19.030	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89868	18.513	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91420	18.363	ug/l	98
89) n-Butylbenzene	12.38	91	146368	18.975	ug/l	99
90) Hexachloroethane	12.59	117	26188	18.415	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	92407	19.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13064	18.833	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	62298	19.108	ug/l	99
94) Hexachlorobutadiene	13.78	225	30490	18.871	ug/l	99
95) Naphthalene	13.83	128	193325	20.080	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63777	19.660	ug/l	98

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

