

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050819\
 Data File : VX009395.D
 Acq On : 08 May 2019 13:59
 Operator : JC/SP
 Sample : VX0508WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:25 AM

Quant Time: May 09 06:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116887	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	87133	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	351640	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	126798	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31922	19.588	ug/l	98
3) Chloromethane	1.32	50	46667	20.975	ug/l	98
4) Vinyl Chloride	1.41	62	46216	21.302	ug/l	98
5) Bromomethane	1.64	94	26738	20.533	ug/l	96
6) Chloroethane	1.72	64	31166	22.374	ug/l	100
7) Trichlorofluoromethane	1.93	101	57573	21.831	ug/l	97
8) Diethyl Ether	2.19	74	26348	21.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35530	21.454	ug/l	99
10) Methyl Iodide	2.51	142	30962	19.206	ug/l	99
11) Tert butyl alcohol	3.05	59	59059	105.685	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35888	21.628	ug/l	94
13) Acrolein	2.29	56	48997	96.816	ug/l	99
14) Allyl chloride	2.73	41	84301	20.847	ug/l	99
15) Acrylonitrile	3.14	53	145375	106.396	ug/l	99
16) Acetone	2.45	43	147284	113.618	ug/l	98
17) Carbon Disulfide	2.57	76	104212	22.369	ug/l	99
18) Methyl Acetate	2.78	43	60372	19.583	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	137080	21.274	ug/l	100
20) Methylene Chloride	2.85	84	42975	20.475	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	38193	21.224	ug/l	98
22) Diisopropyl ether	3.86	45	164833	21.196	ug/l	96
23) Vinyl Acetate	3.82	43	746946	112.167	ug/l	99
24) 1,1-Dichloroethane	3.70	63	80465	20.974	ug/l	99
25) 2-Butanone	4.68	43	223211	110.806	ug/l	98
26) 2,2-Dichloropropane	4.58	77	60114	21.052	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	46025	21.427	ug/l	98
28) Bromochloromethane	5.02	49	30039	17.680	ug/l	99
29) Tetrahydrofuran	5.13	42	144018	111.102	ug/l	99
30) Chloroform	5.21	83	74211	21.388	ug/l	100
31) Cyclohexane	5.58	56	78749	22.064	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61683	21.356	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55990	21.569	ug/l	100
37) Ethyl Acetate	4.84	43	80253	22.189	ug/l	99
38) Carbon Tetrachloride	5.79	117	51026	21.635	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70702	22.178	ug/l	99
40) Benzene	6.15	78	174643	21.739	ug/l	99
41) Methacrylonitrile	5.04	41	45431	21.102	ug/l	99
42) 1,2-Dichloroethane	6.20	62	63318	21.972	ug/l	100
43) Isopropyl Acetate	6.45	43	124977	21.603	ug/l	99
44) Trichloroethene	7.21	130	42398	21.831	ug/l	97
45) 1,2-Dichloropropane	7.51	63	49774	21.881	ug/l	97
46) Dibromomethane	7.66	93	28254	21.389	ug/l	98
47) Bromodichloromethane	7.90	83	55495	21.061	ug/l	99
48) Methyl methacrylate	7.77	41	63126	21.994	ug/l	99
49) 1,4-Dioxane	7.74	88	24186	415.524	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	417704	110.466	ug/l	100
52) Toluene	8.79	92	107521	22.018	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64354	21.632	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71877	21.828	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43325	21.746	ug/l	99
56) Ethyl methacrylate	9.18	69	77795	21.875	ug/l	100
57) 1,3-Dichloropropane	9.37	76	75914	21.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	221533	117.423	ug/l	99
59) 2-Hexanone	9.49	43	330043	111.134	ug/l	100
60) Dibromochloromethane	9.58	129	41823	21.494	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43974	21.866	ug/l	99
64) Tetrachloroethene	9.33	164	37882	21.903	ug/l	99
65) Chlorobenzene	10.14	112	110762	21.960	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39408	21.551	ug/l	98
67) Ethyl Benzene	10.25	91	204328	22.012	ug/l	99
68) m/p-Xylenes	10.36	106	150491	44.365	ug/l	99
69) o-Xylene	10.70	106	73189	21.868	ug/l	100
70) Styrene	10.71	104	126640	21.770	ug/l	99
71) Bromoform	10.85	173	31620	21.278	ug/l	99
73) Isopropylbenzene	11.02	105	195235	22.177	ug/l	98
74) N-amyl acetate	10.90	43	112826	21.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71884	21.904	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60903m	21.688	ug/l	
77) Bromobenzene	11.26	156	47372	21.680	ug/l	100
78) n-propylbenzene	11.36	91	221986	22.080	ug/l	100
79) 2-Chlorotoluene	11.42	91	133289	21.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	165209	22.288	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22813	20.786	ug/l	93
82) 4-Chlorotoluene	11.51	91	151477	21.617	ug/l	99
83) tert-Butylbenzene	11.77	119	161111	22.343	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	165279	22.214	ug/l	100
85) sec-Butylbenzene	11.94	105	187544	21.938	ug/l	99
86) p-Isopropyltoluene	12.06	119	170309	22.160	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	84415	21.671	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	84117	21.420	ug/l	99
89) n-Butylbenzene	12.38	91	150761	21.704	ug/l	99
90) Hexachloroethane	12.60	117	28146	21.496	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84904	21.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16207	22.015	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60391	22.259	ug/l	97
94) Hexachlorobutadiene	13.78	225	29927	21.601	ug/l	99
95) Naphthalene	13.83	128	196601	22.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	60686	22.067	ug/l	99

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

