

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008609.D
 Acq On : 03 Apr 2019 11:06
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:31 PM

Quant Time: Apr 04 04:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	306663	96.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.40%	
35) Dibromofluoromethane	5.50	113	227659	97.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.48%	
50) Toluene-d8	8.72	98	886624	95.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.22%	
62) 4-Bromofluorobenzene	11.13	95	314407	95.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	237532	94.906	ug/l	97
3) Chloromethane	1.32	50	301450	87.182	ug/l	100
4) Vinyl Chloride	1.41	62	321287	94.962	ug/l	100
5) Bromomethane	1.64	94	165925	91.956	ug/l	99
6) Chloroethane	1.70	64	184208	77.486	ug/l	99
7) Trichlorofluoromethane	1.92	101	363768	97.264	ug/l	99
8) Diethyl Ether	2.19	74	170676	96.232	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	236240	98.109	ug/l	99
10) Methyl Iodide	2.50	142	231433	116.602	ug/l	98
11) Tert butyl alcohol	3.07	59	357541	481.568	ug/l	99
12) 1,1-Dichloroethene	2.36	96	242614	96.518	ug/l	95
13) Acrolein	2.29	56	178300	484.318	ug/l	99
14) Allyl chloride	2.72	41	568236	98.747	ug/l	99
15) Acrylonitrile	3.15	53	924322	469.943	ug/l	100
16) Acetone	2.45	43	877860	480.598	ug/l	100
17) Carbon Disulfide	2.56	76	731473	90.599	ug/l	100
18) Methyl Acetate	2.78	43	415412	93.772	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	896243	99.838	ug/l	100
20) Methylene Chloride	2.85	84	277743	90.840	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	258082	94.920	ug/l	96
22) Diisopropyl ether	3.86	45	1067462	96.245	ug/l	98
23) Vinyl Acetate	3.82	43	4847895	502.446	ug/l	100
24) 1,1-Dichloroethane	3.70	63	540739	98.471	ug/l	99
25) 2-Butanone	4.68	43	1388669	481.009	ug/l	99
26) 2,2-Dichloropropane	4.58	77	398625	103.066	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	299231	95.722	ug/l	100
28) Bromochloromethane	5.02	49	225928	86.687	ug/l	100
29) Tetrahydrofuran	5.13	42	908681	474.219	ug/l	100
30) Chloroform	5.21	83	477635	97.383	ug/l	99
31) Cyclohexane	5.58	56	526958	96.171	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	403425	101.786	ug/l	99
36) 1,1-Dichloropropene	5.80	75	384123	95.970	ug/l	100
37) Ethyl Acetate	4.84	43	525371	98.337	ug/l	99
38) Carbon Tetrachloride	5.78	117	337648	101.924	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	482066	97.496	ug/l	99
40) Benzene	6.14	78	1157491	97.072	ug/l	99
41) Methacrylonitrile	5.05	41	287978	93.775	ug/l	99
42) 1,2-Dichloroethane	6.19	62	409898	95.888	ug/l	99
43) Isopropyl Acetate	6.45	43	840810	100.466	ug/l	100
44) Trichloroethene	7.21	130	270078	97.249	ug/l	98
45) 1,2-Dichloropropane	7.51	63	330665	97.157	ug/l	99
46) Dibromomethane	7.66	93	188495	95.493	ug/l	99
47) Bromodichloromethane	7.90	83	382101	102.665	ug/l	100
48) Methyl methacrylate	7.77	41	412736	97.492	ug/l	99
49) 1,4-Dioxane	7.74	88	146723	1850.091	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2550109	473.337	ug/l	99
52) Toluene	8.79	92	677112	96.320	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	442603	106.164	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	493955	103.690	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	267983	94.968	ug/l	100
56) Ethyl methacrylate	9.18	69	502476	98.417	ug/l	100
57) 1,3-Dichloropropane	9.37	76	481660	95.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1375096	527.460	ug/l	99
59) 2-Hexanone	9.49	43	1983647	473.776	ug/l	99
60) Dibromochloromethane	9.59	129	276627	104.032	ug/l	100
61) 1,2-Dibromoethane	9.67	107	281081	95.683	ug/l	98
64) Tetrachloroethene	9.34	164	224442	95.855	ug/l	99
65) Chlorobenzene	10.14	112	670451	95.705	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	247347	100.644	ug/l	99
67) Ethyl Benzene	10.25	91	1277626	97.806	ug/l	99
68) m/p-Xylenes	10.36	106	929740	197.952	ug/l	98
69) o-Xylene	10.70	106	442454	97.206	ug/l	99
70) Styrene	10.71	104	783984	99.921	ug/l	100
71) Bromoform	10.86	173	201656	107.434	ug/l #	99
73) Isopropylbenzene	11.02	105	1175520	94.812	ug/l	100
74) N-amyl acetate	10.90	43	722369	99.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	440620	93.444	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	366680m	82.906	ug/l	
77) Bromobenzene	11.26	156	282567	94.802	ug/l	100
78) n-propylbenzene	11.36	91	1404287	97.274	ug/l	100
79) 2-Chlorotoluene	11.42	91	811245	92.860	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1008409	96.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	162576	109.042	ug/l	96
82) 4-Chlorotoluene	11.51	91	962954	95.224	ug/l	100
83) tert-Butylbenzene	11.77	119	982783	98.153	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1015257	96.340	ug/l	100
85) sec-Butylbenzene	11.94	105	1156336	97.225	ug/l	99
86) p-Isopropyltoluene	12.06	119	1057574	99.072	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	506776	94.974	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	510590	94.497	ug/l	100
89) n-Butylbenzene	12.38	91	1017081	101.596	ug/l	99
90) Hexachloroethane	12.60	117	183173	103.457	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	504922	95.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	105396	101.608	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	368207	99.958	ug/l	99
94) Hexachlorobutadiene	13.78	225	174756	98.922	ug/l	99
95) Naphthalene	13.83	128	1226021	99.584	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361044	98.099	ug/l	100

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

