

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030619\
 Data File : VX007855.D
 Acq On : 06 Mar 2019 11:27
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:35:01 AM

Quant Time: Mar 07 07:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	419559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296348	97.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.30%	
35) Dibromofluoromethane	5.50	113	264464	98.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.08%	
50) Toluene-d8	8.71	98	981934	99.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.24%	
62) 4-Bromofluorobenzene	11.13	95	349997	101.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	238892	96.699	ug/l	99
3) Chloromethane	1.33	50	295891	92.939	ug/l	99
4) Vinyl Chloride	1.41	62	310184	98.054	ug/l	99
5) Bromomethane	1.64	94	147177	76.514	ug/l	100
6) Chloroethane	1.71	64	188515	89.704	ug/l	99
7) Trichlorofluoromethane	1.92	101	398594	96.778	ug/l	98
8) Diethyl Ether	2.19	74	173858	97.482	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	244119	95.647	ug/l	100
10) Methyl Iodide	2.51	142	373161	103.059	ug/l	99
11) Tert butyl alcohol	3.09	59	328384	481.381	ug/l	100
12) 1,1-Dichloroethene	2.37	96	238116	96.786	ug/l	99
13) Acrolein	2.30	56	192105	466.361	ug/l	99
14) Allyl chloride	2.73	41	507661	98.199	ug/l	100
15) Acrylonitrile	3.15	53	817546	474.803	ug/l	100
16) Acetone	2.45	43	810446	459.024	ug/l	100
17) Carbon Disulfide	2.57	76	744920	90.179	ug/l	100
18) Methyl Acetate	2.78	43	363018	96.781	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	829568	98.014	ug/l	100
20) Methylene Chloride	2.85	84	261365	93.014	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	255457	94.368	ug/l	98
22) Diisopropyl ether	3.87	45	919686	97.048	ug/l	99
23) Vinyl Acetate	3.82	43	4095055	492.769	ug/l	100
24) 1,1-Dichloroethane	3.70	63	497740	97.599	ug/l	99
25) 2-Butanone	4.70	43	1194866	478.020	ug/l	99
26) 2,2-Dichloropropane	4.59	77	343725	101.733	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	300220	96.918	ug/l	100
28) Bromochloromethane	5.02	49	228514	96.112	ug/l	100
29) Tetrahydrofuran	5.15	42	763393	489.614	ug/l	100
30) Chloroform	5.21	83	470414	97.513	ug/l	99
31) Cyclohexane	5.57	56	464230	99.044	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	405333	101.267	ug/l	99
36) 1,1-Dichloropropene	5.80	75	365736	96.271	ug/l	100
37) Ethyl Acetate	4.86	43	432719	95.983	ug/l	99
38) Carbon Tetrachloride	5.78	117	363556	100.801	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	463886	100.771	ug/l	98
40) Benzene	6.14	78	1114272	98.522	ug/l	100
41) Methacrylonitrile	5.06	41	241312	98.177	ug/l	99
42) 1,2-Dichloroethane	6.20	62	360128	97.366	ug/l	100
43) Isopropyl Acetate	6.46	43	675716	101.275	ug/l	100
44) Trichloroethene	7.21	130	301287	96.666	ug/l	98
45) 1,2-Dichloropropane	7.52	63	295584	98.952	ug/l	99
46) Dibromomethane	7.66	93	185247	97.992	ug/l	99
47) Bromodichloromethane	7.90	83	364739	101.764	ug/l	99
48) Methyl methacrylate	7.77	41	352963	100.619	ug/l	99
49) 1,4-Dioxane	7.75	88	143052	1985.171	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2116901	493.353	ug/l	99
52) Toluene	8.79	92	680280	98.520	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	410390	109.703	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	450655	106.678	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274785	98.306	ug/l	100
56) Ethyl methacrylate	9.18	69	437424	104.227	ug/l	99
57) 1,3-Dichloropropane	9.37	76	460706	98.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1128055	519.616	ug/l	100
59) 2-Hexanone	9.50	43	1645134	493.838	ug/l	100
60) Dibromochloromethane	9.58	129	305320	104.503	ug/l	99
61) 1,2-Dibromoethane	9.67	107	292859	98.682	ug/l	100
64) Tetrachloroethene	9.33	164	278744	92.031	ug/l	98
65) Chlorobenzene	10.14	112	742125	97.033	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	277541	101.252	ug/l	100
67) Ethyl Benzene	10.25	91	1267023	100.640	ug/l	100
68) m/p-Xylenes	10.36	106	978183	201.575	ug/l	100
69) o-Xylene	10.70	106	475785	101.555	ug/l	99
70) Styrene	10.71	104	793106	103.451	ug/l	100
71) Bromoform	10.86	173	251289	106.751	ug/l	# 100
73) Isopropylbenzene	11.02	105	1260702	96.641	ug/l	99
74) N-amyl acetate	10.90	43	603852	101.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	420032	93.345	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	394488m	96.660	ug/l	
77) Bromobenzene	11.26	156	336344	94.041	ug/l	99
78) n-propylbenzene	11.36	91	1440910	99.564	ug/l	100
79) 2-Chlorotoluene	11.42	91	840300	94.964	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1057686	98.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	140032	110.588	ug/l	96
82) 4-Chlorotoluene	11.51	91	986582	97.291	ug/l	100
83) tert-Butylbenzene	11.77	119	1080721	99.926	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1086135	98.679	ug/l	99
85) sec-Butylbenzene	11.94	105	1272900	99.931	ug/l	99
86) p-Isopropyltoluene	12.07	119	1156086	101.344	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	608646	96.192	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	608756	93.872	ug/l	100
89) n-Butylbenzene	12.39	91	1012836	104.798	ug/l	99
90) Hexachloroethane	12.60	117	197363	103.478	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	603560	96.019	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95324	101.363	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	451414	102.228	ug/l	99
94) Hexachlorobutadiene	13.78	225	227533	98.556	ug/l	99
95) Naphthalene	13.83	128	1322471	103.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	440297	100.093	ug/l	99

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

