

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013296.D
 Acq On : 31 Oct 2019 17:52
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:14 PM

Quant Time: Nov 02 05:51:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	691327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1055186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	522586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	827846	109.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.10%	
35) Dibromofluoromethane	5.48	113	678059	101.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.82%	
50) Toluene-d8	8.71	98	2569251	102.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.46%	
62) 4-Bromofluorobenzene	11.14	95	952287	104.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	829116	125.308	ug/l	98
3) Chloromethane	1.31	50	892939	131.603	ug/l	98
4) Vinyl Chloride	1.40	62	1023524	144.126	ug/l	100
5) Bromomethane	1.62	94	705013	162.662	ug/l	98
6) Chloroethane	1.70	64	551093	124.167	ug/l	100
7) Trichlorofluoromethane	1.91	101	1132629	102.510	ug/l	100
8) Diethyl Ether	2.18	74	509748	126.416	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	636219	100.795	ug/l	100
10) Methyl Iodide	2.50	142	875096	107.188	ug/l	99
11) Tert butyl alcohol	3.05	59	995813	554.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	646842	104.260	ug/l	96
13) Acrolein	2.28	56	596059	573.108	ug/l	98
14) Allyl chloride	2.71	41	1188739	126.298	ug/l	99
15) Acrylonitrile	3.13	53	2121386	588.333	ug/l	99
16) Acetone	2.44	43	1993999	573.538	ug/l	99
17) Carbon Disulfide	2.55	76	1795109	111.976	ug/l	99
18) Methyl Acetate	2.76	43	1161659	138.819	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2185143	107.591	ug/l	99
20) Methylene Chloride	2.84	84	722757	101.313	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	692650	104.646	ug/l	96
22) Diisopropyl ether	3.84	45	2307889	117.176	ug/l	99
23) Vinyl Acetate	3.80	43	9956433	600.155	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1268711	112.330	ug/l	100
25) 2-Butanone	4.66	43	3111051	618.801	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1026110	111.567	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	788190	102.605	ug/l	99
28) Bromochloromethane	5.01	49	356039	71.991	ug/l	98
29) Tetrahydrofuran	5.11	42	1945983	610.306	ug/l	99
30) Chloroform	5.20	83	1241838	103.068	ug/l	98
31) Cyclohexane	5.57	56	1126118	109.569	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1092959	105.600	ug/l	100
36) 1,1-Dichloropropene	5.79	75	942020	106.802	ug/l	99
37) Ethyl Acetate	4.82	43	1157189	124.370	ug/l	100
38) Carbon Tetrachloride	5.78	117	947573	104.467	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1165708	103.304	ug/l	98
40) Benzene	6.13	78	2849357	105.753	ug/l	100
41) Methacrylonitrile	5.03	41	652229	122.413	ug/l	99
42) 1,2-Dichloroethane	6.18	62	1037963	108.933	ug/l	99
43) Isopropyl Acetate	6.43	43	1865100	122.249	ug/l	100
44) Trichloroethene	7.20	130	776784	98.701	ug/l	99
45) 1,2-Dichloropropane	7.51	63	736682	107.004	ug/l	99
46) Dibromomethane	7.65	93	498255	102.431	ug/l	98
47) Bromodichloromethane	7.89	83	997879	113.784	ug/l	97
48) Methyl methacrylate	7.76	41	952168	126.623	ug/l	99
49) 1,4-Dioxane	7.73	88	408991	2034.346	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	6017144	608.183	ug/l	99
52) Toluene	8.78	92	1797275	102.351	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1130251	119.458	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1227023	117.027	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	742581	102.447	ug/l	98
56) Ethyl methacrylate	9.17	69	1250015	116.856	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1249780	107.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2716770	537.276	ug/l	99
59) 2-Hexanone	9.49	43	4795656	626.296	ug/l	99
60) Dibromochloromethane	9.58	129	818973	111.998	ug/l	99
61) 1,2-Dibromoethane	9.67	107	796139	103.736	ug/l	99
64) Tetrachloroethene	9.33	164	680498	89.567	ug/l	99
65) Chlorobenzene	10.14	112	1973238	98.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	749906	106.055	ug/l	99
67) Ethyl Benzene	10.24	91	3473632	101.379	ug/l	98
68) m/p-Xylenes	10.35	106	2668512	203.053	ug/l	100
69) o-Xylene	10.70	106	1307116	102.255	ug/l	100
70) Styrene	10.71	104	2268817	106.322	ug/l	100
71) Bromoform	10.85	173	673824	118.913	ug/l #	99
73) Isopropylbenzene	11.01	105	3461454	97.320	ug/l	100
74) N-amyl acetate	10.89	43	1752380	124.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1265268	107.213	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1136331m	118.694	ug/l	
77) Bromobenzene	11.25	156	923654	94.755	ug/l	98
78) n-propylbenzene	11.35	91	3959603	100.546	ug/l	99
79) 2-Chlorotoluene	11.42	91	2325574	98.445	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2942314	99.298	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	448878	124.582	ug/l	96
82) 4-Chlorotoluene	11.51	91	2756940	100.285	ug/l	99
83) tert-Butylbenzene	11.77	119	3000194	102.297	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2991019	99.997	ug/l	99
85) sec-Butylbenzene	11.94	105	3427749	100.546	ug/l	99
86) p-Isopropyltoluene	12.06	119	3224260	102.213	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1656812	97.762	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1673116	96.593	ug/l	99
89) n-Butylbenzene	12.38	91	2901625	107.318	ug/l	99
90) Hexachloroethane	12.59	117	596321	117.689	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1663030	99.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	302540	120.158	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1227830	107.513	ug/l	98
94) Hexachlorobutadiene	13.78	225	576716	102.145	ug/l	100
95) Naphthalene	13.83	128	3932056	114.444	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1217356	106.699	ug/l	99

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

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