

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008954.D
 Acq On : 15 Apr 2019 11:32
 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
 4/16/2019 10:53:02 AM

Quant Time: Apr 16 02:06:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	299483	91.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.62%	
35) Dibromofluoromethane	5.50	113	224634	93.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.82%	
50) Toluene-d8	8.71	98	876605	92.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.04%	
62) 4-Bromofluorobenzene	11.13	95	308743	91.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	271376	102.573	ug/l	99
3) Chloromethane	1.32	50	299245	83.228	ug/l	99
4) Vinyl Chloride	1.41	62	310418	88.965	ug/l	98
5) Bromomethane	1.64	94	193154	100.265	ug/l	97
6) Chloroethane	1.71	64	178537	76.978	ug/l	97
7) Trichlorofluoromethane	1.92	101	362372	93.479	ug/l	97
8) Diethyl Ether	2.19	74	164863	90.363	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	230838	92.974	ug/l	99
10) Methyl Iodide	2.51	142	262700	124.515	ug/l	100
11) Tert butyl alcohol	3.06	59	346104	453.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	236788	91.103	ug/l	100
13) Acrolein	2.29	56	313223	716.723	ug/l	100
14) Allyl chloride	2.73	41	544517	91.847	ug/l	99
15) Acrylonitrile	3.15	53	869096	430.710	ug/l	100
16) Acetone	2.45	43	778017	418.284	ug/l	99
17) Carbon Disulfide	2.57	76	706634	84.698	ug/l	99
18) Methyl Acetate	2.78	43	390244	85.741	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	865269	93.516	ug/l	100
20) Methylene Chloride	2.85	84	262386	83.541	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	252158	89.593	ug/l	97
22) Diisopropyl ether	3.86	45	1018606	89.338	ug/l	88
23) Vinyl Acetate	3.82	43	4665151	469.506	ug/l	100
24) 1,1-Dichloroethane	3.70	63	511820	90.725	ug/l	100
25) 2-Butanone	4.68	43	1298566	439.558	ug/l	98
26) 2,2-Dichloropropane	4.58	77	391801	97.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	288920	89.642	ug/l	99
28) Bromochloromethane	5.02	49	220687	83.090	ug/l	99
29) Tetrahydrofuran	5.13	42	861982	438.034	ug/l	100
30) Chloroform	5.21	83	460355	91.187	ug/l	100
31) Cyclohexane	5.58	56	508290m	89.859	ug/l	
32) 1,1,1-Trichloroethane	5.49	97	392786	96.045	ug/l	100
36) 1,1-Dichloropropene	5.80	75	370005	91.359	ug/l	100
37) Ethyl Acetate	4.84	43	498228	92.528	ug/l	100
38) Carbon Tetrachloride	5.79	117	333298	99.229	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	465446	92.918	ug/l	99
40) Benzene	6.15	78	1103944	91.509	ug/l	100
41) Methacrylonitrile	5.04	41	278076	89.559	ug/l	99
42) 1,2-Dichloroethane	6.19	62	388464	89.865	ug/l	99
43) Isopropyl Acetate	6.45	43	788436	93.278	ug/l	100
44) Trichloroethene	7.21	130	268534	95.082	ug/l	97
45) 1,2-Dichloropropane	7.51	63	309662	90.251	ug/l	100
46) Dibromomethane	7.66	93	179668	89.971	ug/l	99
47) Bromodichloromethane	7.90	83	362102	96.171	ug/l	99
48) Methyl methacrylate	7.77	41	389005	91.203	ug/l	100
49) 1,4-Dioxane	7.74	88	137027	1726.978	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2384516	439.063	ug/l	99
52) Toluene	8.79	92	651570	91.639	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	430615	101.652	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	477727	98.991	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	258331	90.450	ug/l	99
56) Ethyl methacrylate	9.18	69	471195	91.489	ug/l	100
57) 1,3-Dichloropropane	9.37	76	461411	90.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1281136	482.489	ug/l	100
59) 2-Hexanone	9.49	43	1845427	437.014	ug/l	100
60) Dibromochloromethane	9.59	129	270820	100.426	ug/l	98
61) 1,2-Dibromoethane	9.67	107	269652	90.714	ug/l	99
64) Tetrachloroethene	9.34	164	237011	98.843	ug/l	98
65) Chlorobenzene	10.14	112	656170	92.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	243646	98.116	ug/l	99
67) Ethyl Benzene	10.25	91	1227288	93.209	ug/l	99
68) m/p-Xylenes	10.36	106	897025	189.204	ug/l	100
69) o-Xylene	10.70	106	430311	93.630	ug/l	99
70) Styrene	10.71	104	761148	96.069	ug/l	100
71) Bromoform	10.86	173	200569	105.224	ug/l #	99
73) Isopropylbenzene	11.02	105	1148126	89.884	ug/l	100
74) N-amyl acetate	10.90	43	673210	89.643	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	404156	83.419	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	345052m	81.536	ug/l	
77) Bromobenzene	11.26	156	279256	90.432	ug/l	98
78) n-propylbenzene	11.36	91	1339482	90.109	ug/l	99
79) 2-Chlorotoluene	11.42	91	781005	86.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	973845	90.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	157074	101.472	ug/l	97
82) 4-Chlorotoluene	11.51	91	912699	87.648	ug/l	99
83) tert-Butylbenzene	11.77	119	946318	91.780	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	974876	89.894	ug/l	100
85) sec-Butylbenzene	11.94	105	1118646	91.327	ug/l	99
86) p-Isopropyltoluene	12.07	119	1021470	92.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	502185	90.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	499177	89.074	ug/l	99
89) n-Butylbenzene	12.39	91	967039	93.604	ug/l	99
90) Hexachloroethane	12.60	117	176228	96.256	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	494458	90.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97196	90.929	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	368089	95.696	ug/l	99
94) Hexachlorobutadiene	13.78	225	180047	97.666	ug/l	99
95) Naphthalene	13.83	128	1185627	93.078	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	360334	93.955	ug/l	99

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

