

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012432.D
 Acq On : 17 Sep 2019 13:33
 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
 9/18/2019 11:22:19 AM

Quant Time: Sep 17 13:58:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	230773	72.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.52%	
35) Dibromofluoromethane	5.49	113	171273	68.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.36%	
50) Toluene-d8	8.71	98	631088	70.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.76%	
62) 4-Bromofluorobenzene	11.14	95	267981	71.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	114033	81.367	ug/l	99
3) Chloromethane	1.31	50	94045	77.409	ug/l	99
4) Vinyl Chloride	1.40	62	104197	77.786	ug/l	97
5) Bromomethane	1.62	94	35898	64.102	ug/l	96
6) Chloroethane	1.70	64	70227	78.892	ug/l	99
7) Trichlorofluoromethane	1.91	101	189867	77.588	ug/l	98
8) Diethyl Ether	2.18	74	79781	73.855	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134470	76.237	ug/l	97
10) Methyl Iodide	2.50	142	119504	73.749	ug/l	98
11) Tert butyl alcohol	3.05	59	299570	365.001	ug/l	99
12) 1,1-Dichloroethene	2.36	96	108974	78.610	ug/l	97
13) Acrolein	2.28	56	102379	299.825	ug/l	99
14) Allyl chloride	2.72	41	258532	80.290	ug/l	100
15) Acrylonitrile	3.13	53	527690	385.094	ug/l	99
16) Acetone	2.44	43	544481	364.301	ug/l	99
17) Carbon Disulfide	2.55	76	150330	82.105	ug/l	98
18) Methyl Acetate	2.76	43	247285	75.268	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	573981	76.236	ug/l	99
20) Methylene Chloride	2.84	84	140805	70.125	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	113659	76.257	ug/l	97
22) Diisopropyl ether	3.84	45	577337	78.126	ug/l	98
23) Vinyl Acetate	3.80	43	2482942	407.309	ug/l	99
24) 1,1-Dichloroethane	3.69	63	282166	76.221	ug/l	98
25) 2-Butanone	4.66	43	809705	383.800	ug/l	98
26) 2,2-Dichloropropane	4.57	77	267843	75.819	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	164648	75.145	ug/l	99
28) Bromochloromethane	5.00	49	132360	70.063	ug/l	99
29) Tetrahydrofuran	5.12	42	480027	393.396	ug/l	99
30) Chloroform	5.20	83	306631	71.870	ug/l	99
31) Cyclohexane	5.57	56	172833	77.864	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	267883	75.809	ug/l	100
36) 1,1-Dichloropropene	5.79	75	174672	70.654	ug/l	98
37) Ethyl Acetate	4.82	43	282283	74.179	ug/l	100
38) Carbon Tetrachloride	5.77	117	220344	73.615	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181366	76.746	ug/l	99
40) Benzene	6.13	78	560633	74.046	ug/l	98
41) Methacrylonitrile	5.03	41	170809	78.789	ug/l	99
42) 1,2-Dichloroethane	6.18	62	251492	72.733	ug/l	99
43) Isopropyl Acetate	6.43	43	488657	74.654	ug/l	100
44) Trichloroethene	7.21	130	147518	72.571	ug/l	98
45) 1,2-Dichloropropane	7.51	63	166827	71.625	ug/l	99
46) Dibromomethane	7.65	93	111094	71.828	ug/l	98
47) Bromodichloromethane	7.89	83	255797	74.268	ug/l	98
48) Methyl methacrylate	7.76	41	234329	80.634	ug/l	100
49) 1,4-Dioxane	7.73	88	110622	1491.947	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1607604	379.652	ug/l	99
52) Toluene	8.78	92	366280	74.427	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	276870	77.470	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	281387	76.070	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	180393	69.261	ug/l	99
56) Ethyl methacrylate	9.17	69	305933	78.162	ug/l	99
57) 1,3-Dichloropropane	9.37	76	296984	72.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	785573	376.536	ug/l	99
59) 2-Hexanone	9.49	43	1260039	384.927	ug/l	99
60) Dibromochloromethane	9.58	129	204020	76.705	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173803	72.775	ug/l	99
64) Tetrachloroethene	9.33	164	118957	72.917	ug/l	98
65) Chlorobenzene	10.14	112	430388	74.994	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	186115	76.502	ug/l	99
67) Ethyl Benzene	10.24	91	762233	77.599	ug/l	99
68) m/p-Xylenes	10.35	106	557145	153.954	ug/l	100
69) o-Xylene	10.70	106	285239	75.962	ug/l	100
70) Styrene	10.71	104	524816	80.651	ug/l	99
71) Bromoform	10.85	173	155816	83.492	ug/l	99
73) Isopropylbenzene	11.01	105	799440	91.088	ug/l	99
74) N-amyl acetate	10.89	43	461732	98.747	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	321402	91.403	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	302723m	92.717	ug/l	
77) Bromobenzene	11.25	156	197619	88.063	ug/l	98
78) n-propylbenzene	11.35	91	922103	93.036	ug/l	99
79) 2-Chlorotoluene	11.42	91	575290	90.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	703973	92.375	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111410	96.395	ug/l	98
82) 4-Chlorotoluene	11.51	91	682216	92.242	ug/l	100
83) tert-Butylbenzene	11.77	119	743967	92.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	731609	94.630	ug/l	100
85) sec-Butylbenzene	11.94	105	848250	94.775	ug/l	99
86) p-Isopropyltoluene	12.06	119	780621	95.351	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	386169	91.620	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	387983	91.171	ug/l	99
89) n-Butylbenzene	12.38	91	713055	98.619	ug/l	99
90) Hexachloroethane	12.59	117	150908	95.516	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	389742	90.223	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85719	92.110	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	269004	93.343	ug/l	99
94) Hexachlorobutadiene	13.78	225	121829	88.420	ug/l	98
95) Naphthalene	13.83	128	952413	96.762	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265686	92.627	ug/l	99

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

