

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008065.D
 Acq On : 14 Mar 2019 11:25
 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
 3/15/2019 9:07:02 AM

Quant Time: Mar 14 14:55:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	310724	102.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.14%	
35) Dibromofluoromethane	5.51	113	283595	103.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.88%	
50) Toluene-d8	8.71	98	1121650	106.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.26%	
62) 4-Bromofluorobenzene	11.13	95	398898	105.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	260305	102.887	ug/l	100
3) Chloromethane	1.33	50	281104	102.469	ug/l	99
4) Vinyl Chloride	1.42	62	280856	107.245	ug/l	100
5) Bromomethane	1.64	94	143244	107.695	ug/l	99
6) Chloroethane	1.71	64	151027	98.207	ug/l	97
7) Trichlorofluoromethane	1.93	101	326280	105.111	ug/l	97
8) Diethyl Ether	2.20	74	174489	104.336	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	258208	104.737	ug/l	97
10) Methyl Iodide	2.51	142	410503	105.323	ug/l	98
11) Tert butyl alcohol	3.09	59	308427	505.315	ug/l	100
12) 1,1-Dichloroethene	2.37	96	249971	105.444	ug/l	95
13) Acrolein	2.30	56	283538	502.590	ug/l	99
14) Allyl chloride	2.73	41	451192	103.745	ug/l	97
15) Acrylonitrile	3.16	53	753359	507.962	ug/l	100
16) Acetone	2.45	43	696076	483.772	ug/l	98
17) Carbon Disulfide	2.57	76	744228	105.224	ug/l	100
18) Methyl Acetate	2.78	43	334915	102.788	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	827885	104.193	ug/l	98
20) Methylene Chloride	2.86	84	266811	102.546	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	261708	103.377	ug/l	95
22) Diisopropyl ether	3.87	45	875918	100.626	ug/l	97
23) Vinyl Acetate	3.83	43	3852586	506.419	ug/l	97
24) 1,1-Dichloroethane	3.70	63	487246	101.839	ug/l	99
25) 2-Butanone	4.70	43	1127054	492.314	ug/l	97
26) 2,2-Dichloropropane	4.59	77	378241	105.783	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	310717	104.604	ug/l	97
28) Bromochloromethane	5.02	49	238647	103.636	ug/l	92
29) Tetrahydrofuran	5.15	42	726272	499.757	ug/l	96
30) Chloroform	5.22	83	486136	103.907	ug/l	100
31) Cyclohexane	5.57	56	475952	104.696	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	432189	105.636	ug/l	97
36) 1,1-Dichloropropene	5.80	75	384660	106.950	ug/l	99
37) Ethyl Acetate	4.86	43	413893	104.007	ug/l	98
38) Carbon Tetrachloride	5.79	117	385170	108.345	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	499724	106.733	ug/l	98
40) Benzene	6.15	78	1177114	106.626	ug/l	99
41) Methacrylonitrile	5.06	41	235605	103.826	ug/l	99
42) 1,2-Dichloroethane	6.20	62	374367	106.111	ug/l	99
43) Isopropyl Acetate	6.46	43	674686	105.430	ug/l	99
44) Trichloroethene	7.21	130	332120	105.624	ug/l	98
45) 1,2-Dichloropropane	7.52	63	308487	104.820	ug/l	100
46) Dibromomethane	7.66	93	200178	107.415	ug/l	98
47) Bromodichloromethane	7.90	83	392062	110.964	ug/l	99
48) Methyl methacrylate	7.77	41	365110	106.626	ug/l	97
49) 1,4-Dioxane	7.76	88	153114	2155.629	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2211453	526.833	ug/l	98
52) Toluene	8.79	92	764516	108.051	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	456983	113.545	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	497410	111.056	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	303845	106.537	ug/l	99
56) Ethyl methacrylate	9.18	69	477077	108.853	ug/l	97
57) 1,3-Dichloropropane	9.37	76	504799	107.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1323122	517.430	ug/l	98
59) 2-Hexanone	9.49	43	1714336	530.908	ug/l	98
60) Dibromochloromethane	9.59	129	335789	109.592	ug/l	100
61) 1,2-Dibromoethane	9.67	107	328456	106.367	ug/l	100
64) Tetrachloroethene	9.34	164	335229	104.815	ug/l	99
65) Chlorobenzene	10.14	112	837200	106.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	314373	107.969	ug/l	100
67) Ethyl Benzene	10.25	91	1423242	106.684	ug/l	100
68) m/p-Xylenes	10.36	106	1099510	213.931	ug/l	100
69) o-Xylene	10.70	106	532112	106.556	ug/l	100
70) Styrene	10.71	104	885806	107.168	ug/l	100
71) Bromoform	10.86	173	273454	111.315	ug/l #	100
73) Isopropylbenzene	11.02	105	1428130	103.939	ug/l	100
74) N-amyl acetate	10.90	43	623699	108.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	449451	104.927	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	365570m	100.985	ug/l	
77) Bromobenzene	11.26	156	381989	103.974	ug/l	99
78) n-propylbenzene	11.36	91	1600046	104.163	ug/l	100
79) 2-Chlorotoluene	11.42	91	938041	103.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1186889	104.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152668	111.935	ug/l	94
82) 4-Chlorotoluene	11.51	91	1099651	106.339	ug/l	100
83) tert-Butylbenzene	11.77	119	1184771	105.952	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1219464	103.957	ug/l	99
85) sec-Butylbenzene	11.94	105	1429804	104.580	ug/l	100
86) p-Isopropyltoluene	12.06	119	1298010	104.692	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	684208	105.185	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	693368	106.925	ug/l	100
89) n-Butylbenzene	12.38	91	1113689	107.685	ug/l	99
90) Hexachloroethane	12.60	117	217124	108.998	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	682339	107.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101894	107.723	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	503029	109.766	ug/l	100
94) Hexachlorobutadiene	13.78	225	262082	104.919	ug/l	100
95) Naphthalene	13.83	128	1476652	108.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	497692	108.929	ug/l	99

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

