

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006954.D
 Acq On : 08 Jan 2019 14:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:25:19 AM

Quant Time: Jan 09 02:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	614218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	897667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	796583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304954	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.51	113	281905	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1038118	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	361930	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	275964	54.712	ug/l	99
3) Chloromethane	1.32	50	308684	52.570	ug/l	100
4) Vinyl Chloride	1.41	62	319394	50.567	ug/l	100
5) Bromomethane	1.64	94	324405	48.072	ug/l	98
6) Chloroethane	1.71	64	207716	47.097	ug/l	97
7) Trichlorofluoromethane	1.92	101	506965	49.675	ug/l	98
8) Diethyl Ether	2.19	74	192446	47.398	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	290604	47.561	ug/l	98
10) Methyl Iodide	2.51	142	409626	49.700	ug/l	99
11) Tert butyl alcohol	3.09	59	356742	235.594	ug/l	99
12) 1,1-Dichloroethene	2.37	96	274375	48.604	ug/l	98
13) Acrolein	2.30	56	168763	258.315	ug/l	96
14) Allyl chloride	2.73	41	487503	50.389	ug/l	99
15) Acrylonitrile	3.15	53	853129	245.426	ug/l	100
16) Acetone	2.45	43	780660	246.001	ug/l	99
17) Carbon Disulfide	2.57	76	742075	51.058	ug/l	99
18) Methyl Acetate	2.78	43	430269	46.819	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	961228	49.058	ug/l	100
20) Methylene Chloride	2.85	84	310815	51.512	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	295452	46.965	ug/l	96
22) Diisopropyl ether	3.87	45	877277	48.233	ug/l	94
23) Vinyl Acetate	3.82	43	3755449	244.837	ug/l	99
24) 1,1-Dichloroethane	3.70	63	478836	47.082	ug/l	100
25) 2-Butanone	4.70	43	1107104	243.819	ug/l	98
26) 2,2-Dichloropropane	4.59	77	392649	50.207	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	328026	47.273	ug/l	98
28) Bromochloromethane	5.02	49	217832	48.886	ug/l	95
29) Tetrahydrofuran	5.15	42	712065	241.306	ug/l	97
30) Chloroform	5.21	83	506985	47.612	ug/l	100
31) Cyclohexane	5.57	56	437512	48.334	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	443461	49.134	ug/l	99
36) 1,1-Dichloropropene	5.80	75	380074	48.700	ug/l	99
37) Ethyl Acetate	4.85	43	417053	49.844	ug/l	98
38) Carbon Tetrachloride	5.78	117	388808	49.516	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	484033	48.649	ug/l	99
40) Benzene	6.14	78	1146926	48.162	ug/l	99
41) Methacrylonitrile	5.06	41	223003	46.265	ug/l	98
42) 1,2-Dichloroethane	6.20	62	389019	47.273	ug/l	100
43) Isopropyl Acetate	6.46	43	665291	50.409	ug/l	98
44) Trichloroethene	7.21	130	339258	47.541	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290578	48.536	ug/l	96
46) Dibromomethane	7.66	93	208113	49.461	ug/l	98
47) Bromodichloromethane	7.90	83	364088	50.836	ug/l	96
48) Methyl methacrylate	7.77	41	334875	49.409	ug/l	98
49) 1,4-Dioxane	7.75	88	148586	959.629	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2098371	247.397	ug/l	99
52) Toluene	8.79	92	742799	48.530	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	424939	53.508	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461584	52.630	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	306270	49.992	ug/l	98
56) Ethyl methacrylate	9.18	69	447863	50.076	ug/l	94
57) 1,3-Dichloropropane	9.37	76	490015	48.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1172986	255.080	ug/l	99
59) 2-Hexanone	9.49	43	1612755	249.513	ug/l	99
60) Dibromochloromethane	9.59	129	322940	54.285	ug/l	99
61) 1,2-Dibromoethane	9.67	107	337429	50.030	ug/l	99
64) Tetrachloroethene	9.34	164	330125	47.868	ug/l	96
65) Chlorobenzene	10.14	112	856779	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	307930	52.686	ug/l	100
67) Ethyl Benzene	10.25	91	1409573	49.145	ug/l	99
68) m/p-Xylenes	10.36	106	1110454	98.267	ug/l	99
69) o-Xylene	10.70	106	540466	49.041	ug/l	97
70) Styrene	10.71	104	877059	50.249	ug/l	99
71) Bromoform	10.86	173	240851	46.433	ug/l	100
73) Isopropylbenzene	11.02	105	1433318	50.350	ug/l	99
74) N-amyl acetate	10.90	43	588188	51.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	444171	49.148	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	416868m	50.955	ug/l	
77) Bromobenzene	11.26	156	383028	48.832	ug/l	99
78) n-propylbenzene	11.36	91	1597736	51.126	ug/l	99
79) 2-Chlorotoluene	11.42	91	919315	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1180024	49.608	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132469	48.951	ug/l	98
82) 4-Chlorotoluene	11.51	91	1084217	49.778	ug/l	100
83) tert-Butylbenzene	11.77	119	1205724	50.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1199908	50.164	ug/l	100
85) sec-Butylbenzene	11.94	105	1415997	49.959	ug/l	100
86) p-Isopropyltoluene	12.07	119	1287635	50.790	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	695355	49.046	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	697351	51.908	ug/l	100
89) n-Butylbenzene	12.39	91	1106732	51.210	ug/l	99
90) Hexachloroethane	12.60	117	199251	49.275	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	682298	48.766	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92084	51.519	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	492209	51.277	ug/l	99
94) Hexachlorobutadiene	13.78	225	220044	51.657	ug/l	98
95) Naphthalene	13.83	128	1498787	51.528	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	480108	50.350	ug/l	99

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

