

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008351.D
 Acq On : 23 Mar 2019 15:05
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:55 AM

Quant Time: Mar 23 15:28:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	446838	147.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.14%	
35) Dibromofluoromethane	5.50	113	333690	145.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.34%	
50) Toluene-d8	8.71	98	1314537	150.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.68%	
62) 4-Bromofluorobenzene	11.13	95	506309	168.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	319467	131.059	ug/l	100
3) Chloromethane	1.32	50	463132	151.417	ug/l	99
4) Vinyl Chloride	1.41	62	457915	150.156	ug/l	99
5) Bromomethane	1.64	94	289916	111.603	ug/l	99
6) Chloroethane	1.70	64	272813	142.678	ug/l	98
7) Trichlorofluoromethane	1.91	101	517617	132.999	ug/l	98
8) Diethyl Ether	2.19	74	245636	122.673	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	309286	119.694	ug/l	89
10) Methyl Iodide	2.50	142	432244	131.376	ug/l	98
11) Tert butyl alcohol	3.07	59	505592	779.959	ug/l	100
12) 1,1-Dichloroethene	2.36	96	324753	133.123	ug/l	90
13) Acrolein	2.29	56	408994	827.785	ug/l	99
14) Allyl chloride	2.72	41	742019	139.728	ug/l	96
15) Acrylonitrile	3.15	53	1248089	727.928	ug/l	99
16) Acetone	2.45	43	1068927	622.410	ug/l	98
17) Carbon Disulfide	2.56	76	999070	127.001	ug/l	100
18) Methyl Acetate	2.78	43	539281	135.636	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1194060	135.373	ug/l	97
20) Methylene Chloride	2.85	84	379491	132.513	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	346680	131.547	ug/l	92
22) Diisopropyl ether	3.86	45	1415782	136.125	ug/l	94
23) Vinyl Acetate	3.82	43	6386576	716.230	ug/l	98
24) 1,1-Dichloroethane	3.69	63	714724	133.611	ug/l	98
25) 2-Butanone	4.68	43	1822350	718.841	ug/l	97
26) 2,2-Dichloropropane	4.58	77	497734	123.516	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	402894	134.105	ug/l	90
28) Bromochloromethane	5.02	49	341482	142.165	ug/l #	79
29) Tetrahydrofuran	5.13	42	1206286	761.168	ug/l	95
30) Chloroform	5.21	83	646173	129.138	ug/l	100
31) Cyclohexane	5.57	56	677640	134.904	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	537972	129.245	ug/l	96
36) 1,1-Dichloropropene	5.80	75	516189	129.126	ug/l	96
37) Ethyl Acetate	4.84	43	703654	148.904	ug/l	98
38) Carbon Tetrachloride	5.78	117	446371	125.320	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	627424	130.424	ug/l	92
40) Benzene	6.14	78	1541051	130.245	ug/l	100
41) Methacrylonitrile	5.05	41	399614	150.758	ug/l	95
42) 1,2-Dichloroethane	6.19	62	547329	126.276	ug/l	96
43) Isopropyl Acetate	6.45	43	1133113	149.596	ug/l	97
44) Trichloroethene	7.21	130	357786	123.671	ug/l	88
45) 1,2-Dichloropropane	7.51	63	441531	133.303	ug/l	99
46) Dibromomethane	7.66	93	259140	129.218	ug/l #	85
47) Bromodichloromethane	7.90	83	522434	136.694	ug/l	99
48) Methyl methacrylate	7.77	41	573683	142.442	ug/l	94
49) 1,4-Dioxane	7.74	88	211308	2973.174	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	3649674	745.309	ug/l	99
52) Toluene	8.79	92	922368	131.401	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	618004	144.488	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	667974	140.826	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	379084	133.665	ug/l	97
56) Ethyl methacrylate	9.18	69	729182	160.731	ug/l	92
57) 1,3-Dichloropropane	9.37	76	679389	135.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1907343	820.823	ug/l	93
59) 2-Hexanone	9.49	43	2846123	754.942	ug/l	97
60) Dibromochloromethane	9.59	129	390745	143.360	ug/l	99
61) 1,2-Dibromoethane	9.67	107	398140	134.446	ug/l	98
64) Tetrachloroethene	9.34	164	290861	102.797	ug/l	96
65) Chlorobenzene	10.14	112	955443	123.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	348096	129.374	ug/l	98
67) Ethyl Benzene	10.25	91	1805266	132.750	ug/l	97
68) m/p-Xylenes	10.36	106	1322399	264.722	ug/l	94
69) o-Xylene	10.70	106	646601	133.208	ug/l	94
70) Styrene	10.71	104	1157010	146.667	ug/l	97
71) Bromoform	10.85	173	297706	145.459	ug/l #	100
73) Isopropylbenzene	11.02	105	1694821	123.274	ug/l	98
74) N-amyl acetate	10.90	43	1074707	149.199	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	669928	135.891	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	541644m	124.854	ug/l	
77) Bromobenzene	11.26	156	407251	122.514	ug/l	79
78) n-propylbenzene	11.36	91	2040647	127.794	ug/l	95
79) 2-Chlorotoluene	11.42	91	1194723	124.655	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	1475052	129.864	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	245089	161.595	ug/l	98
82) 4-Chlorotoluene	11.51	91	1434578	128.629	ug/l	95
83) tert-Butylbenzene	11.77	119	1428716	131.749	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1488336	129.253	ug/l	98
85) sec-Butylbenzene	11.94	105	1686132	125.557	ug/l	96
86) p-Isopropyltoluene	12.06	119	1539173	132.409	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	748031	125.917	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	751387	122.279	ug/l	97
89) n-Butylbenzene	12.39	91	1527055	139.964	ug/l	98
90) Hexachloroethane	12.60	117	268266	135.505	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	749752	125.169	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	154873	141.440	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	529674	134.248	ug/l	98
94) Hexachlorobutadiene	13.78	225	244928	127.285	ug/l	99
95) Naphthalene	13.83	128	1785311	143.367	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	516687	133.089	ug/l	97

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

