

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008349.D
 Acq On : 23 Mar 2019 14:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:46 AM

Quant Time: Mar 23 15:02:31 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	201491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154706	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	5.49	113	113285	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.71	98	446362	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	161101	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111858	45.789	ug/l	99
3) Chloromethane	1.32	50	161704	52.753	ug/l	99
4) Vinyl Chloride	1.40	62	160468	52.505	ug/l	100
5) Bromomethane	1.64	94	101853	39.123	ug/l	98
6) Chloroethane	1.71	64	92381	48.209	ug/l	99
7) Trichlorofluoromethane	1.92	101	185460	47.549	ug/l	99
8) Diethyl Ether	2.18	74	87269	43.488	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109857	42.422	ug/l	89
10) Methyl Iodide	2.51	142	144253	43.749	ug/l	98
11) Tert butyl alcohol	3.05	59	170090	261.823	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112003	45.813	ug/l	88
13) Acrolein	2.29	56	148916	300.745	ug/l	98
14) Allyl chloride	2.73	41	254273	47.778	ug/l	95
15) Acrylonitrile	3.14	53	437876	254.830	ug/l	99
16) Acetone	2.45	43	382132	222.023	ug/l	98
17) Carbon Disulfide	2.57	76	343156	43.527	ug/l	99
18) Methyl Acetate	2.78	43	188141	47.217	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	415233	46.974	ug/l	98
20) Methylene Chloride	2.85	84	130934	45.621	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	120347	45.566	ug/l	93
22) Diisopropyl ether	3.85	45	495598	47.547	ug/l #	83
23) Vinyl Acetate	3.81	43	2247016	251.448	ug/l	97
24) 1,1-Dichloroethane	3.70	63	250471	46.722	ug/l	98
25) 2-Butanone	4.67	43	637557	250.944	ug/l	97
26) 2,2-Dichloropropane	4.58	77	164914	40.836	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	139993	46.496	ug/l	90
28) Bromochloromethane	5.02	49	132072	54.865	ug/l #	78
29) Tetrahydrofuran	5.13	42	424728	267.423	ug/l	95
30) Chloroform	5.21	83	226193	45.107	ug/l	100
31) Cyclohexane	5.58	56	239466	47.569	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	181638	43.543	ug/l	96
36) 1,1-Dichloropropene	5.80	75	176880	43.681	ug/l	96
37) Ethyl Acetate	4.84	43	244614	51.103	ug/l	98
38) Carbon Tetrachloride	5.79	117	152403	42.241	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216142	44.356	ug/l	92
40) Benzene	6.14	78	535625	44.691	ug/l	100
41) Methacrylonitrile	5.04	41	135930	50.626	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191073	43.520	ug/l	96
43) Isopropyl Acetate	6.45	43	383577	49.993	ug/l	97
44) Trichloroethene	7.21	130	121663	41.516	ug/l	88
45) 1,2-Dichloropropane	7.51	63	153619	45.787	ug/l	99
46) Dibromomethane	7.66	93	88604	43.617	ug/l #	84
47) Bromodichloromethane	7.90	83	175725	45.391	ug/l	99
48) Methyl methacrylate	7.77	41	191360	46.907	ug/l	94
49) 1,4-Dioxane	7.74	88	74952	1041.125	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1239178	249.822	ug/l	98
52) Toluene	8.79	92	316303	44.485	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	196496	45.353	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	224344	46.693	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	129642	45.128	ug/l	96
56) Ethyl methacrylate	9.18	69	240989	52.442	ug/l	92
57) 1,3-Dichloropropane	9.37	76	233211	45.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	659522	280.198	ug/l	92
59) 2-Hexanone	9.49	43	950656	248.942	ug/l	97
60) Dibromochloromethane	9.59	129	127774	46.280	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134864	44.960	ug/l	99
64) Tetrachloroethene	9.34	164	98492	35.246	ug/l	96
65) Chlorobenzene	10.14	112	317697	41.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113533	42.725	ug/l	99
67) Ethyl Benzene	10.25	91	600934	44.744	ug/l	97
68) m/p-Xylenes	10.36	106	435958	88.366	ug/l	92
69) o-Xylene	10.70	106	212515	44.330	ug/l	94
70) Styrene	10.71	104	373764	47.974	ug/l	97
71) Bromoform	10.85	173	89305	44.182	ug/l #	99
73) Isopropylbenzene	11.02	105	559572	43.618	ug/l	98
74) N-amyl acetate	10.90	43	346104	51.493	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	220431	47.918	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182524m	45.089	ug/l	
77) Bromobenzene	11.26	156	131279	42.324	ug/l	80
78) n-propylbenzene	11.36	91	666510	44.732	ug/l	95
79) 2-Chlorotoluene	11.42	91	393191	43.965	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	476841	44.991	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	71763	50.707	ug/l	94
82) 4-Chlorotoluene	11.51	91	457379	43.950	ug/l	93
83) tert-Butylbenzene	11.77	119	464259	45.881	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	478231	44.508	ug/l	97
85) sec-Butylbenzene	11.94	105	546758	43.632	ug/l	95
86) p-Isopropyltoluene	12.06	119	491114	45.277	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234632	42.327	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	233461	40.716	ug/l	97
89) n-Butylbenzene	12.38	91	469896	46.156	ug/l	97
90) Hexachloroethane	12.60	117	81383	44.055	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	236556	42.323	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49464	48.412	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159307	43.271	ug/l	99
94) Hexachlorobutadiene	13.78	225	76950	42.856	ug/l	98
95) Naphthalene	13.83	128	576884	49.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162972	44.988	ug/l	98

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

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