

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008190.D
 Acq On : 19 Mar 2019 14:46
 Operator : JC/SP
 Sample : VX0319WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:28:38 AM

Quant Time: Mar 20 07:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	349713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	563844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	249990	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.50	113	187363	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	744257	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	266332	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	94106	22.195	ug/l	100
3) Chloromethane	1.33	50	109778	20.634	ug/l	98
4) Vinyl Chloride	1.41	62	110177	20.771	ug/l	99
5) Bromomethane	1.64	94	82984	18.365	ug/l	99
6) Chloroethane	1.73	64	67101	20.175	ug/l	100
7) Trichlorofluoromethane	1.93	101	134456	19.862	ug/l	94
8) Diethyl Ether	2.19	74	76795	22.049	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97681	21.733	ug/l	90
10) Methyl Iodide	2.51	142	122782	21.455	ug/l	97
11) Tert butyl alcohol	3.04	59	123617	109.635	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92528	21.806	ug/l	91
13) Acrolein	2.29	56	73647	85.906	ug/l	100
14) Allyl chloride	2.73	41	200894	21.749	ug/l	92
15) Acrylonitrile	3.14	53	318040	106.641	ug/l	98
16) Acetone	2.44	43	317093	106.149	ug/l	96
17) Carbon Disulfide	2.57	76	287649	21.163	ug/l	98
18) Methyl Acetate	2.78	43	152769	22.090	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	337572	22.003	ug/l	99
20) Methylene Chloride	2.86	84	106578	21.396	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	97821	21.340	ug/l	91
22) Diisopropyl ether	3.85	45	399971	22.109	ug/l	# 84
23) Vinyl Acetate	3.81	43	1733321	111.754	ug/l	98
24) 1,1-Dichloroethane	3.70	63	202197	21.731	ug/l	99
25) 2-Butanone	4.67	43	485221	110.038	ug/l	96
26) 2,2-Dichloropropane	4.58	77	151638	21.634	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	111977	21.428	ug/l	91
28) Bromochloromethane	5.02	49	79442	19.014	ug/l	82
29) Tetrahydrofuran	5.13	42	304353	110.410	ug/l	97
30) Chloroform	5.21	83	189894	21.818	ug/l	97
31) Cyclohexane	5.58	56	195247	22.347	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	156945	21.677	ug/l	96
36) 1,1-Dichloropropene	5.80	75	145950	22.233	ug/l	97
37) Ethyl Acetate	4.83	43	178414	22.991	ug/l	99
38) Carbon Tetrachloride	5.79	117	132165	22.596	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180800	22.887	ug/l	93
40) Benzene	6.14	78	439424	22.616	ug/l	98
41) Methacrylonitrile	5.04	41	101106	23.228	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158841	22.316	ug/l	96
43) Isopropyl Acetate	6.45	43	285134	22.923	ug/l	97
44) Trichloroethene	7.21	130	105753	22.260	ug/l	94
45) 1,2-Dichloropropane	7.51	63	122586	22.538	ug/l	99
46) Dibromomethane	7.66	93	71987	21.859	ug/l #	87
47) Bromodichloromethane	7.90	83	140908	22.451	ug/l	99
48) Methyl methacrylate	7.77	41	150861	22.810	ug/l	93
49) 1,4-Dioxane	7.74	88	52454	449.437	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	942520	117.208	ug/l	97
52) Toluene	8.78	92	264090	22.910	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	159680	21.160	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	176186	22.619	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	107237	23.026	ug/l	98
56) Ethyl methacrylate	9.18	69	180080	22.338	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	188191	22.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	390479	102.330	ug/l	94
59) 2-Hexanone	9.49	43	731070	118.088	ug/l	96
60) Dibromochloromethane	9.58	129	102807	22.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111321	22.891	ug/l	99
64) Tetrachloroethene	9.34	164	102965	22.386	ug/l	97
65) Chlorobenzene	10.13	112	279540	22.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97146	22.211	ug/l	98
67) Ethyl Benzene	10.25	91	505078	22.848	ug/l	98
68) m/p-Xylenes	10.35	106	371869	45.795	ug/l	93
69) o-Xylene	10.69	106	179740	22.779	ug/l	93
70) Styrene	10.71	104	295049	23.009	ug/l	96
71) Bromoform	10.85	173	74535	21.110	ug/l #	100
73) Isopropylbenzene	11.02	105	493229	22.987	ug/l	98
74) N-amyl acetate	10.90	43	253882	22.583	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168699	21.926	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147635m	21.805	ug/l	
77) Bromobenzene	11.26	156	114217	22.016	ug/l	84
78) n-propylbenzene	11.36	91	577777	23.184	ug/l	95
79) 2-Chlorotoluene	11.42	91	340868	22.788	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	408018	23.017	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	51919	20.424	ug/l	91
82) 4-Chlorotoluene	11.51	91	389835	22.396	ug/l	95
83) tert-Butylbenzene	11.77	119	385192	22.759	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	412452	22.950	ug/l	97
85) sec-Butylbenzene	11.94	105	491372	23.444	ug/l	96
86) p-Isopropyltoluene	12.06	119	426848	23.528	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	208736	22.513	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	209404	21.835	ug/l	97
89) n-Butylbenzene	12.38	91	387661	22.766	ug/l	96
90) Hexachloroethane	12.60	117	69059	22.351	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	207516	22.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36575	21.402	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	138116	22.430	ug/l	98
94) Hexachlorobutadiene	13.78	225	69729	23.218	ug/l	99
95) Naphthalene	13.83	128	441917	22.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135314	22.333	ug/l	97

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

