

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008208.D
 Acq On : 19 Mar 2019 23:28
 Operator : JC/SP
 Sample : VX0319WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:33 AM

Quant Time: Mar 20 08:30:54 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	5.67	168	286546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	483985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	216876	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	160061	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.71	98	618655	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	218824	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69534	20.015	ug/l	99
3) Chloromethane	1.33	50	83015	19.043	ug/l	100
4) Vinyl Chloride	1.41	62	84488	19.439	ug/l	99
5) Bromomethane	1.64	94	62512	16.884	ug/l	99
6) Chloroethane	1.73	64	54346	19.942	ug/l	99
7) Trichlorofluoromethane	1.93	101	104215	18.788	ug/l	97
8) Diethyl Ether	2.19	74	59459	20.835	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71750	19.483	ug/l	91
10) Methyl Iodide	2.51	142	93460	19.931	ug/l	96
11) Tert butyl alcohol	3.04	59	95464	103.331	ug/l	99
12) 1,1-Dichloroethene	2.38	96	70533	20.287	ug/l	93
13) Acrolein	2.29	56	55401	77.975	ug/l	99
14) Allyl chloride	2.73	41	151629	20.034	ug/l	93
15) Acrylonitrile	3.14	53	254358	104.089	ug/l	99
16) Acetone	2.45	43	224335	91.652	ug/l	97
17) Carbon Disulfide	2.57	76	216236	19.471	ug/l	98
18) Methyl Acetate	2.78	43	123514	21.797	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	259383	20.633	ug/l	98
20) Methylene Chloride	2.86	84	83001	20.336	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	74555	19.849	ug/l	91
22) Diisopropyl ether	3.86	45	307933	20.774	ug/l	89
23) Vinyl Acetate	3.82	43	1321853	104.013	ug/l	97
24) 1,1-Dichloroethane	3.70	63	157287	20.631	ug/l	99
25) 2-Butanone	4.67	43	369552	102.281	ug/l	96
26) 2,2-Dichloropropane	4.59	77	94334	16.425	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	85975	20.079	ug/l	93
28) Bromochloromethane	5.02	49	67969	19.854	ug/l #	82
29) Tetrahydrofuran	5.13	42	242487	107.359	ug/l	97
30) Chloroform	5.21	83	146888	20.597	ug/l	100
31) Cyclohexane	5.58	56	143569	20.054	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	120708	20.347	ug/l	96
36) 1,1-Dichloropropene	5.80	75	112375	19.943	ug/l	96
37) Ethyl Acetate	4.84	43	140670	21.118	ug/l	98
38) Carbon Tetrachloride	5.79	117	99407	19.800	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	126216	18.613	ug/l	95
40) Benzene	6.15	78	338863	20.318	ug/l	100
41) Methacrylonitrile	5.04	41	78094	20.901	ug/l	97
42) 1,2-Dichloroethane	6.20	62	124325	20.349	ug/l	95
43) Isopropyl Acetate	6.45	43	218073	20.425	ug/l	97
44) Trichloroethene	7.21	130	82254	20.170	ug/l	88
45) 1,2-Dichloropropane	7.51	63	94059	20.146	ug/l	98
46) Dibromomethane	7.66	93	56059	19.831	ug/l	88
47) Bromodichloromethane	7.90	83	108223	20.089	ug/l	98
48) Methyl methacrylate	7.77	41	116287	20.484	ug/l	92
49) 1,4-Dioxane	7.74	88	41625	415.500	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	741903	107.484	ug/l	98
52) Toluene	8.78	92	201310	20.346	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	114805	17.955	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129198	19.324	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	83198	20.812	ug/l	98
56) Ethyl methacrylate	9.18	69	135747	19.681	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	146591	20.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	319819	97.642	ug/l	94
59) 2-Hexanone	9.49	43	561616	105.685	ug/l	95
60) Dibromochloromethane	9.58	129	79339	20.651	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86317	20.679	ug/l	98
64) Tetrachloroethene	9.34	164	78857	20.313	ug/l	94
65) Chlorobenzene	10.14	112	211403	19.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	75645	20.491	ug/l	99
67) Ethyl Benzene	10.25	91	376893	20.200	ug/l	96
68) m/p-Xylenes	10.36	106	275446	40.189	ug/l	93
69) o-Xylene	10.69	106	135499	20.346	ug/l	94
70) Styrene	10.71	104	220516	20.374	ug/l	96
71) Bromoform	10.85	173	56334	19.134	ug/l #	99
73) Isopropylbenzene	11.02	105	359408	20.361	ug/l	98
74) N-amyl acetate	10.90	43	190571	20.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	130719	20.652	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	113534m	20.384	ug/l	
77) Bromobenzene	11.26	156	86177	20.192	ug/l	85
78) n-propylbenzene	11.36	91	415821	20.282	ug/l	96
79) 2-Chlorotoluene	11.42	91	250624	20.367	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	296741	20.348	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36696	17.750	ug/l	88
82) 4-Chlorotoluene	11.51	91	283738	19.815	ug/l	95
83) tert-Butylbenzene	11.77	119	277590	19.938	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	304209	20.577	ug/l	97
85) sec-Butylbenzene	11.94	105	348149	20.192	ug/l	96
86) p-Isopropyltoluene	12.06	119	298480	19.999	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	151128	19.814	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	151573	19.212	ug/l	97
89) n-Butylbenzene	12.38	91	265288	18.939	ug/l	97
90) Hexachloroethane	12.60	117	50839	20.001	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	153764	19.994	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28310	20.137	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	96584	19.067	ug/l	99
94) Hexachlorobutadiene	13.78	225	47975	19.419	ug/l	99
95) Naphthalene	13.83	128	322058	20.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99172	19.896	ug/l	98

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

