

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007362.D
 Acq On : 04 Feb 2019 16:29
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:52:44 AM

Quant Time: Feb 05 00:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	478440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	702000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	650557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	254115	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.51	113	230514	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	863972	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	304811	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121649	20.795	ug/l	98
3) Chloromethane	1.33	50	111764	20.740	ug/l	100
4) Vinyl Chloride	1.41	62	114491	21.656	ug/l	99
5) Bromomethane	1.64	94	105464	19.880	ug/l	98
6) Chloroethane	1.72	64	70031	20.477	ug/l	99
7) Trichlorofluoromethane	1.93	101	172133	20.814	ug/l	98
8) Diethyl Ether	2.19	74	63032	20.249	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95451	19.403	ug/l	99
10) Methyl Iodide	2.51	142	145661	20.128	ug/l	99
11) Tert butyl alcohol	3.07	59	121260	115.382	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90289	19.765	ug/l	96
13) Acrolein	2.30	56	62460	126.741	ug/l	100
14) Allyl chloride	2.73	41	153007	20.557	ug/l	98
15) Acrylonitrile	3.15	53	275457	105.952	ug/l	99
16) Acetone	2.45	43	243309	104.594	ug/l	97
17) Carbon Disulfide	2.57	76	222921	19.991	ug/l	100
18) Methyl Acetate	2.78	43	162742	27.125	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	300797	20.325	ug/l	100
20) Methylene Chloride	2.86	84	103264	21.509	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95943	19.716	ug/l	96
22) Diisopropyl ether	3.87	45	281328	20.548	ug/l	94
23) Vinyl Acetate	3.82	43	1179380	103.806	ug/l	100
24) 1,1-Dichloroethane	3.70	63	157063	19.976	ug/l	98
25) 2-Butanone	4.70	43	352511	106.483	ug/l	97
26) 2,2-Dichloropropane	4.59	77	103325	17.256	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	101616	19.118	ug/l	99
28) Bromochloromethane	5.01	49	63309	17.509	ug/l	100
29) Tetrahydrofuran	5.15	42	227603	109.316	ug/l	99
30) Chloroform	5.21	83	163693	19.952	ug/l	95
31) Cyclohexane	5.57	56	136521	19.333	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	140206	20.245	ug/l	98
36) 1,1-Dichloropropene	5.80	75	118449	18.806	ug/l	99
37) Ethyl Acetate	4.85	43	133230	20.925	ug/l	99
38) Carbon Tetrachloride	5.79	117	121434	19.873	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146047	19.165	ug/l	99
40) Benzene	6.15	78	371073	20.000	ug/l	98
41) Methacrylonitrile	5.06	41	72589	21.272	ug/l	99
42) 1,2-Dichloroethane	6.20	62	125542	19.556	ug/l	98
43) Isopropyl Acetate	6.46	43	203261	20.682	ug/l	99
44) Trichloroethene	7.21	130	107413	19.222	ug/l	98
45) 1,2-Dichloropropane	7.52	63	90499	19.468	ug/l	100
46) Dibromomethane	7.66	93	64927	19.216	ug/l	98
47) Bromodichloromethane	7.90	83	111531	19.478	ug/l	99
48) Methyl methacrylate	7.77	41	107162	21.800	ug/l	99
49) 1,4-Dioxane	7.74	88	49870	449.897	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	691698	106.914	ug/l	100
52) Toluene	8.79	92	240240	20.069	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	121387	19.735	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	135083	19.971	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	100638	20.168	ug/l	95
56) Ethyl methacrylate	9.18	69	141653	20.496	ug/l	98
57) 1,3-Dichloropropane	9.37	76	159479	20.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	372235	102.186	ug/l	98
59) 2-Hexanone	9.49	43	525635	104.407	ug/l	99
60) Dibromochloromethane	9.58	129	95953	20.332	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106873	20.224	ug/l	100
64) Tetrachloroethene	9.34	164	108878	17.757	ug/l	98
65) Chlorobenzene	10.14	112	276946	19.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95715	20.110	ug/l	99
67) Ethyl Benzene	10.25	91	449165	19.647	ug/l	98
68) m/p-Xylenes	10.36	106	353985	38.952	ug/l	100
69) o-Xylene	10.70	106	172770	19.757	ug/l	99
70) Styrene	10.71	104	275187	19.404	ug/l	100
71) Bromoform	10.86	173	71036	19.675	ug/l #	98
73) Isopropylbenzene	11.02	105	457033	20.271	ug/l	99
74) N-amyl acetate	10.90	43	181293	20.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	144631	21.049	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	138328m	21.434	ug/l	
77) Bromobenzene	11.26	156	126700	19.945	ug/l	99
78) n-propylbenzene	11.36	91	503398	20.361	ug/l	99
79) 2-Chlorotoluene	11.42	91	301715	20.112	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370851	20.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36557	20.257	ug/l	97
82) 4-Chlorotoluene	11.51	91	341921	19.698	ug/l	98
83) tert-Butylbenzene	11.77	119	369436	20.230	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	391012	20.880	ug/l	100
85) sec-Butylbenzene	11.94	105	447022	20.225	ug/l	100
86) p-Isopropyltoluene	12.06	119	398239	19.959	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216556	18.995	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	222634	19.248	ug/l	98
89) n-Butylbenzene	12.39	91	326086	18.998	ug/l	99
90) Hexachloroethane	12.60	117	60403	20.228	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	217479	19.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30135	21.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143370	18.738	ug/l	99
94) Hexachlorobutadiene	13.78	225	69360	18.668	ug/l	99
95) Naphthalene	13.83	128	446289	19.946	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144418	18.751	ug/l	98

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

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