

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014843.D
 Acq On : 06 Feb 2020 13:17
 Operator : JC/SP
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:52 AM

Quant Time: Feb 06 15:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	414101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	625311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	566260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236045	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	5.49	113	193231	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	732992	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	260789	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	88932	16.361	ug/l	98
3) Chloromethane	1.32	50	90861	16.219	ug/l	100
4) Vinyl Chloride	1.40	62	108729	17.951	ug/l	99
5) Bromomethane	1.64	94	67150	16.321	ug/l	100
6) Chloroethane	1.72	64	62257	17.053	ug/l	99
7) Trichlorofluoromethane	1.92	101	130307	18.476	ug/l	98
8) Diethyl Ether	2.18	74	56694	18.416	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77367	18.686	ug/l	99
10) Methyl Iodide	2.50	142	98462	18.124	ug/l	97
11) Tert butyl alcohol	3.03	59	97745	90.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73887	17.949	ug/l	95
13) Acrolein	2.28	56	65757	76.817	ug/l	97
14) Allyl chloride	2.72	41	131732	17.804	ug/l	97
15) Acrylonitrile	3.13	53	231543	92.175	ug/l	99
16) Acetone	2.43	43	236458	89.316	ug/l	98
17) Carbon Disulfide	2.56	76	173097	15.385	ug/l	100
18) Methyl Acetate	2.76	43	146014	19.301	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	265705	19.706	ug/l	99
20) Methylene Chloride	2.85	84	89411	18.232	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	78846	17.395	ug/l	97
22) Diisopropyl ether	3.84	45	281465	19.120	ug/l	95
23) Vinyl Acetate	3.80	43	1090880	97.211	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151172	18.909	ug/l	98
25) 2-Butanone	4.65	43	341210	89.858	ug/l	98
26) 2,2-Dichloropropane	4.57	77	126450	19.761	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	95188	18.764	ug/l	97
28) Bromochloromethane	5.00	49	59313	16.883	ug/l	96
29) Tetrahydrofuran	5.11	42	202616	89.903	ug/l	98
30) Chloroform	5.20	83	149744	18.908	ug/l	96
31) Cyclohexane	5.57	56	126933	16.881	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	129256	19.309	ug/l	99
36) 1,1-Dichloropropene	5.79	75	107437	18.491	ug/l	98
37) Ethyl Acetate	4.82	43	123646	18.580	ug/l	98
38) Carbon Tetrachloride	5.78	117	106882	19.261	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130109	17.874	ug/l	92
40) Benzene	6.14	78	340684	18.977	ug/l	100
41) Methacrylonitrile	5.03	41	68473	17.871	ug/l	95
42) 1,2-Dichloroethane	6.18	62	122887	19.822	ug/l	99
43) Isopropyl Acetate	6.43	43	207225	19.016	ug/l	99
44) Trichloroethene	7.20	130	94012	18.539	ug/l	100
45) 1,2-Dichloropropane	7.51	63	89357	19.320	ug/l	99
46) Dibromomethane	7.65	93	58742	19.610	ug/l	96
47) Bromodichloromethane	7.89	83	115013	19.576	ug/l	98
48) Methyl methacrylate	7.76	41	100190	19.242	ug/l	97
49) 1,4-Dioxane	7.73	88	43309	392.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	646180	93.949	ug/l	100
52) Toluene	8.78	92	212866	19.289	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125830	19.891	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138564	19.911	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90492	20.028	ug/l	98
56) Ethyl methacrylate	9.17	69	136367	18.952	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148967	19.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	219339	96.528	ug/l	100
59) 2-Hexanone	9.48	43	495905	92.914	ug/l	97
60) Dibromochloromethane	9.57	129	92523	19.618	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92538	19.371	ug/l	100
64) Tetrachloroethene	9.33	164	95408	17.021	ug/l	96
65) Chlorobenzene	10.14	112	234458	19.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87441	19.580	ug/l	99
67) Ethyl Benzene	10.25	91	407570	19.707	ug/l	98
68) m/p-Xylenes	10.35	106	309335	39.481	ug/l	100
69) o-Xylene	10.70	106	151750	20.062	ug/l	97
70) Styrene	10.71	104	255671	20.151	ug/l	100
71) Bromoform	10.85	173	69203	19.486	ug/l #	99
73) Isopropylbenzene	11.01	105	397573	19.711	ug/l	99
74) N-amyl acetate	10.89	43	170326	19.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	134570	18.686	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	113213m	16.963	ug/l	
77) Bromobenzene	11.25	156	106393	19.634	ug/l	95
78) n-propylbenzene	11.35	91	447588	19.549	ug/l	99
79) 2-Chlorotoluene	11.42	91	267840	19.334	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	335037	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41640	17.755	ug/l	97
82) 4-Chlorotoluene	11.51	91	305968	19.401	ug/l	100
83) tert-Butylbenzene	11.76	119	318503	20.247	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336111	20.017	ug/l	98
85) sec-Butylbenzene	11.94	105	382386	19.842	ug/l	99
86) p-Isopropyltoluene	12.06	119	352370	19.786	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182597	18.750	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	185786	19.046	ug/l	99
89) n-Butylbenzene	12.39	91	294422	18.981	ug/l	99
90) Hexachloroethane	12.59	117	61716	18.657	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187789	19.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27894	18.028	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124748	20.005	ug/l	98
94) Hexachlorobutadiene	13.78	225	62213	19.384	ug/l	97
95) Naphthalene	13.83	128	382679	19.608	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127792	20.267	ug/l	99

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

