

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015133.D
 Acq On : 09 Mar 2020 11:24
 Operator : JC/SP
 Sample : VX0309WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 4:45:23 PM

Quant Time: Mar 09 14:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	372499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	566869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	517265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	214087	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.48	113	174244	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	668514	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	237039	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65789	20.169	ug/l	99
3) Chloromethane	1.31	50	87624	18.964	ug/l	99
4) Vinyl Chloride	1.40	62	87898	18.761	ug/l	97
5) Bromomethane	1.64	94	58336	20.253	ug/l	99
6) Chloroethane	1.72	64	56287	20.027	ug/l	100
7) Trichlorofluoromethane	1.92	101	110357	19.796	ug/l	98
8) Diethyl Ether	2.18	74	49413	19.569	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69119	19.706	ug/l	98
10) Methyl Iodide	2.50	142	63166	15.940	ug/l	98
11) Tert butyl alcohol	3.03	59	74502	97.168	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68762	18.996	ug/l	95
13) Acrolein	2.28	56	45775	63.528	ug/l	100
14) Allyl chloride	2.72	41	128073	20.291	ug/l	95
15) Acrylonitrile	3.13	53	198202	103.799	ug/l	97
16) Acetone	2.44	43	168347	94.064	ug/l	98
17) Carbon Disulfide	2.56	76	186320	18.534	ug/l	100
18) Methyl Acetate	2.76	43	86471	19.760	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	224187	19.819	ug/l	97
20) Methylene Chloride	2.84	84	77819	18.580	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	74133	19.180	ug/l	97
22) Diisopropyl ether	3.84	45	273384	21.740	ug/l	93
23) Vinyl Acetate	3.80	43	1122743	108.615	ug/l	99
24) 1,1-Dichloroethane	3.69	63	141727	20.307	ug/l	98
25) 2-Butanone	4.65	43	270317	103.170	ug/l	100
26) 2,2-Dichloropropane	4.57	77	114833	20.726	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	87584	20.198	ug/l	99
28) Bromochloromethane	5.00	49	65240	20.528	ug/l	99
29) Tetrahydrofuran	5.11	42	166808	98.764	ug/l	99
30) Chloroform	5.20	83	138882	20.416	ug/l	94
31) Cyclohexane	5.57	56	125553	20.168	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	117729	20.878	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106653	20.352	ug/l	99
37) Ethyl Acetate	4.82	43	108127	22.243	ug/l	98
38) Carbon Tetrachloride	5.78	117	99494	20.114	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	127672	20.864	ug/l	99
40) Benzene	6.13	78	317832	20.442	ug/l	98
41) Methacrylonitrile	5.02	41	59624	20.420	ug/l	98
42) 1,2-Dichloroethane	6.18	62	114106	21.371	ug/l	98
43) Isopropyl Acetate	6.43	43	175609	20.535	ug/l	99
44) Trichloroethene	7.20	130	86734	20.031	ug/l	96
45) 1,2-Dichloropropane	7.51	63	82243	20.436	ug/l	99
46) Dibromomethane	7.65	93	52756	20.119	ug/l	99
47) Bromodichloromethane	7.89	83	107266	20.686	ug/l	99
48) Methyl methacrylate	7.76	41	85518	19.648	ug/l	99
49) 1,4-Dioxane	7.75	88	36730	390.309	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	534157	105.644	ug/l	99
52) Toluene	8.78	92	198729	20.905	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	116504	21.108	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129772	20.798	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	78937	20.174	ug/l	98
56) Ethyl methacrylate	9.17	69	116801	20.928	ug/l	98
57) 1,3-Dichloropropane	9.36	76	137780	20.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	302397	99.458	ug/l	99
59) 2-Hexanone	9.48	43	399537	106.612	ug/l	99
60) Dibromochloromethane	9.57	129	84828	20.638	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82486	20.070	ug/l	99
64) Tetrachloroethene	9.33	164	85913	20.088	ug/l	97
65) Chlorobenzene	10.13	112	214476	20.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	81300	20.762	ug/l	98
67) Ethyl Benzene	10.25	91	370906	21.033	ug/l	100
68) m/p-Xylenes	10.35	106	281539	41.962	ug/l	98
69) o-Xylene	10.70	106	133393	20.766	ug/l	98
70) Styrene	10.71	104	229720	20.857	ug/l	99
71) Bromoform	10.85	173	61510	20.256	ug/l	99
73) Isopropylbenzene	11.01	105	366562	21.347	ug/l	100
74) N-amyl acetate	10.89	43	145587	20.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	116088	20.285	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	96462m	17.990	ug/l	
77) Bromobenzene	11.25	156	97674	20.410	ug/l	98
78) n-propylbenzene	11.35	91	425406	21.684	ug/l	99
79) 2-Chlorotoluene	11.42	91	249819	21.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	305605	21.379	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36825	19.491	ug/l	96
82) 4-Chlorotoluene	11.51	91	285290	20.611	ug/l	100
83) tert-Butylbenzene	11.76	119	291617	21.098	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	310541	21.625	ug/l	100
85) sec-Butylbenzene	11.94	105	359478	21.544	ug/l	99
86) p-Isopropyltoluene	12.06	119	329547	21.437	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	171390	20.373	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	172225	19.829	ug/l	100
89) n-Butylbenzene	12.39	91	289872	21.201	ug/l	99
90) Hexachloroethane	12.59	117	58690	20.194	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	169932	20.317	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22839	19.930	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119743	20.625	ug/l	99
94) Hexachlorobutadiene	13.78	225	60698	20.374	ug/l	99
95) Naphthalene	13.83	128	327995	19.330	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118761	20.502	ug/l	99

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

