

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014803.D
 Acq On : 04 Feb 2020 12:52
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:34 PM

Quant Time: Feb 05 03:25:27 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	400451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	597496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	553893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231600	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	187698	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.71	98	697003	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	249957	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94389	17.905	ug/l	98
3) Chloromethane	1.32	50	92299	17.038	ug/l	100
4) Vinyl Chloride	1.40	62	106920	18.254	ug/l	100
5) Bromomethane	1.63	94	66318	16.669	ug/l	99
6) Chloroethane	1.72	64	61504	17.452	ug/l	97
7) Trichlorofluoromethane	1.92	101	127583	18.706	ug/l	98
8) Diethyl Ether	2.17	74	57582	19.343	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76696	19.156	ug/l	98
10) Methyl Iodide	2.50	142	95141	18.109	ug/l	98
11) Tert butyl alcohol	3.02	59	98826	94.130	ug/l	98
12) 1,1-Dichloroethene	2.36	96	72748	18.274	ug/l	97
13) Acrolein	2.28	56	57858	69.893	ug/l	98
14) Allyl chloride	2.72	41	131832	18.424	ug/l	99
15) Acrylonitrile	3.12	53	234202	96.412	ug/l	99
16) Acetone	2.43	43	227636	88.915	ug/l	100
17) Carbon Disulfide	2.56	76	178162	16.375	ug/l	98
18) Methyl Acetate	2.76	43	146784	20.064	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	262813	20.156	ug/l	99
20) Methylene Chloride	2.84	84	88512	18.664	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77869	17.766	ug/l	96
22) Diisopropyl ether	3.84	45	280172	19.681	ug/l	95
23) Vinyl Acetate	3.80	43	1086254	100.098	ug/l	100
24) 1,1-Dichloroethane	3.68	63	148099	19.156	ug/l	99
25) 2-Butanone	4.65	43	334863	91.192	ug/l	97
26) 2,2-Dichloropropane	4.57	77	117336	18.961	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93823	19.126	ug/l	97
28) Bromochloromethane	5.00	49	61400	18.073	ug/l	97
29) Tetrahydrofuran	5.11	42	200440	91.969	ug/l	96
30) Chloroform	5.20	83	148174	19.348	ug/l	99
31) Cyclohexane	5.56	56	128595	17.685	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	123074	19.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	105486	19.000	ug/l	98
37) Ethyl Acetate	4.81	43	125326	19.709	ug/l	99
38) Carbon Tetrachloride	5.77	117	102905	19.408	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130216	18.722	ug/l	96
40) Benzene	6.13	78	333936	19.467	ug/l	99
41) Methacrylonitrile	5.02	41	68986	18.857	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124797	21.067	ug/l	100
43) Isopropyl Acetate	6.43	43	205285	19.715	ug/l	99
44) Trichloroethene	7.20	130	93260	19.247	ug/l	100
45) 1,2-Dichloropropane	7.50	63	87825	19.873	ug/l	99
46) Dibromomethane	7.65	93	58525	20.447	ug/l	99
47) Bromodichloromethane	7.89	83	111955	19.943	ug/l	99
48) Methyl methacrylate	7.76	41	100078	20.115	ug/l	99
49) 1,4-Dioxane	7.73	88	41601	394.462	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	649459	98.821	ug/l	100
52) Toluene	8.78	92	209491	19.867	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	123157	20.374	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	136682	20.555	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	90895	21.054	ug/l	98
56) Ethyl methacrylate	9.17	69	133700	19.400	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148793	20.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	220405	101.513	ug/l	99
59) 2-Hexanone	9.48	43	499738	97.991	ug/l	100
60) Dibromochloromethane	9.57	129	91051	20.205	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92206	20.200	ug/l	100
64) Tetrachloroethene	9.33	164	101263	18.469	ug/l	97
65) Chlorobenzene	10.13	112	230423	19.449	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	86921	19.898	ug/l	98
67) Ethyl Benzene	10.25	91	391327	19.344	ug/l	100
68) m/p-Xylenes	10.35	106	301288	39.313	ug/l	99
69) o-Xylene	10.69	106	143060	19.336	ug/l	99
70) Styrene	10.70	104	246361	19.850	ug/l	100
71) Bromoform	10.85	173	67908	19.549	ug/l #	99
73) Isopropylbenzene	11.01	105	389020	19.889	ug/l	100
74) N-amyl acetate	10.89	43	166447	19.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	131743	18.864	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	114345m	17.668	ug/l	
77) Bromobenzene	11.25	156	102531	19.512	ug/l	99
78) n-propylbenzene	11.35	91	437113	19.688	ug/l	99
79) 2-Chlorotoluene	11.42	91	264221	19.669	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	325203	20.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40341	17.738	ug/l	92
82) 4-Chlorotoluene	11.51	91	300199	19.629	ug/l	99
83) tert-Butylbenzene	11.76	119	302799	19.850	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	324913	19.954	ug/l	98
85) sec-Butylbenzene	11.94	105	374108	20.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	345798	20.023	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181447	19.214	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	182074	19.248	ug/l	98
89) n-Butylbenzene	12.39	91	291970	19.411	ug/l	98
90) Hexachloroethane	12.59	117	60255	18.783	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185183	19.744	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28839	19.220	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	126921	20.989	ug/l	96
94) Hexachlorobutadiene	13.78	225	62808	20.180	ug/l	100
95) Naphthalene	13.83	128	359269	19.012	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	123861	20.257	ug/l	98

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

