

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014878.D
 Acq On : 10 Feb 2020 10:39
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:36:06 AM

Quant Time: Feb 10 11:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	455566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	681723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	639207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	100022	17.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.40%	
35) Dibromofluoromethane	5.50	113	82249	16.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.46%	
50) Toluene-d8	8.71	98	312438	18.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.60%	
62) 4-Bromofluorobenzene	11.13	95	109470	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	91807	22.086	ug/l	99
3) Chloromethane	1.32	50	100483	20.947	ug/l	99
4) Vinyl Chloride	1.41	62	107287	20.679	ug/l	99
5) Bromomethane	1.64	94	61775	18.630	ug/l	97
6) Chloroethane	1.73	64	68134	20.088	ug/l	98
7) Trichlorofluoromethane	1.93	101	149405	20.457	ug/l	98
8) Diethyl Ether	2.18	74	61160	20.036	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84032	19.479	ug/l	100
10) Methyl Iodide	2.51	142	70714	20.387	ug/l	99
11) Tert butyl alcohol	3.02	59	86930	97.927	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84760	20.566	ug/l	97
13) Acrolein	2.28	56	65529	95.733	ug/l	99
14) Allyl chloride	2.72	41	141437	19.202	ug/l	98
15) Acrylonitrile	3.13	53	230715	101.805	ug/l	99
16) Acetone	2.43	43	305756	95.514	ug/l	99
17) Carbon Disulfide	2.57	76	231580	20.295	ug/l	99
18) Methyl Acetate	2.77	43	102021	20.172	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	274177	20.551	ug/l	98
20) Methylene Chloride	2.85	84	93485	18.419	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	92491	20.142	ug/l	96
22) Diisopropyl ether	3.84	45	288682	20.668	ug/l	99
23) Vinyl Acetate	3.81	43	1210456	104.685	ug/l	100
24) 1,1-Dichloroethane	3.69	63	160015	20.168	ug/l	99
25) 2-Butanone	4.66	43	357545	103.164	ug/l	97
26) 2,2-Dichloropropane	4.58	77	133534	19.533	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101950	20.017	ug/l	100
28) Bromochloromethane	5.01	49	65284	24.533	ug/l	99
29) Tetrahydrofuran	5.12	42	205319	105.916	ug/l	98
30) Chloroform	5.20	83	160219	20.309	ug/l	99
31) Cyclohexane	5.58	56	143560	20.658	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	139036	20.401	ug/l	100
36) 1,1-Dichloropropene	5.79	75	120426	20.098	ug/l	99
37) Ethyl Acetate	4.82	43	127346	20.346	ug/l	99
38) Carbon Tetrachloride	5.78	117	121814	21.019	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148722	19.673	ug/l	96
40) Benzene	6.14	78	368401	20.328	ug/l	99
41) Methacrylonitrile	5.03	41	70753	21.424	ug/l	99
42) 1,2-Dichloroethane	6.19	62	130961	19.805	ug/l	99
43) Isopropyl Acetate	6.44	43	208352	20.445	ug/l	99
44) Trichloroethene	7.21	130	106584	20.280	ug/l	96
45) 1,2-Dichloropropane	7.51	63	92922	20.163	ug/l	98
46) Dibromomethane	7.65	93	63108	19.961	ug/l	98
47) Bromodichloromethane	7.89	83	123972	20.113	ug/l	96
48) Methyl methacrylate	7.76	41	101996	20.653	ug/l	99
49) 1,4-Dioxane	7.73	88	35958	375.747	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	646343	104.789	ug/l	99
52) Toluene	8.78	92	235290	20.593	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	140299	21.319	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151360	20.475	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93899	20.270	ug/l	98
56) Ethyl methacrylate	9.17	69	139870	21.003	ug/l	99
57) 1,3-Dichloropropane	9.37	76	157711	20.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	368656	102.237	ug/l	100
59) 2-Hexanone	9.48	43	508325	105.606	ug/l	100
60) Dibromochloromethane	9.57	129	101374	21.095	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100357	20.021	ug/l	99
64) Tetrachloroethene	9.33	164	118550	20.232	ug/l	98
65) Chlorobenzene	10.14	112	256791	19.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94062	20.444	ug/l	98
67) Ethyl Benzene	10.25	91	443802	20.474	ug/l	99
68) m/p-Xylenes	10.36	106	334886	40.221	ug/l	99
69) o-Xylene	10.69	106	159964	20.049	ug/l	98
70) Styrene	10.71	104	275562	20.822	ug/l	99
71) Bromoform	10.85	173	76217	20.682	ug/l	98
73) Isopropylbenzene	11.01	105	437155	20.773	ug/l	100
74) N-amyl acetate	10.89	43	179112	21.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135711	19.584	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	116179m	15.937	ug/l	
77) Bromobenzene	11.25	156	116208	19.663	ug/l	98
78) n-propylbenzene	11.35	91	501118	20.667	ug/l	100
79) 2-Chlorotoluene	11.42	91	294362	20.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	368499	21.349	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45487	22.329	ug/l	96
82) 4-Chlorotoluene	11.51	91	341890	20.251	ug/l	99
83) tert-Butylbenzene	11.76	119	338168	20.443	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	367195	20.992	ug/l	100
85) sec-Butylbenzene	11.94	105	420602	20.515	ug/l	99
86) p-Isopropyltoluene	12.06	119	389149	20.370	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	210550	19.941	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	210782	19.908	ug/l	99
89) n-Butylbenzene	12.38	91	349577	20.671	ug/l	99
90) Hexachloroethane	12.59	117	65489	20.115	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	204948	19.860	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29530	17.995	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149663	19.975	ug/l	98
94) Hexachlorobutadiene	13.78	225	70678	19.157	ug/l	97
95) Naphthalene	13.83	128	422490	21.794	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	146910	20.229	ug/l	99

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

