

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014809.D
 Acq On : 04 Feb 2020 16:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:41 PM

Quant Time: Feb 05 03:38:43 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	5.64	168	435618	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	643218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	583259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	251354	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.48	113	206124	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.71	98	779433	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	283157	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	249003	42.664	ug/l	99
3) Chloromethane	1.32	50	239335	40.612	ug/l	100
4) Vinyl Chloride	1.40	62	289150	45.379	ug/l	100
5) Bromomethane	1.63	94	180067	41.605	ug/l	99
6) Chloroethane	1.72	64	159949	43.701	ug/l	98
7) Trichlorofluoromethane	1.92	101	337573	45.499	ug/l	98
8) Diethyl Ether	2.18	74	142682	44.059	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201475	46.258	ug/l	99
10) Methyl Iodide	2.50	142	270508	47.333	ug/l	98
11) Tert butyl alcohol	3.03	59	234403	205.241	ug/l	98
12) 1,1-Dichloroethene	2.36	96	191162	44.144	ug/l	95
13) Acrolein	2.28	56	230279	255.722	ug/l	98
14) Allyl chloride	2.72	41	350355	45.012	ug/l	97
15) Acrylonitrile	3.12	53	593769	224.698	ug/l	99
16) Acetone	2.43	43	608278	218.196	ug/l	99
17) Carbon Disulfide	2.56	76	476259	40.240	ug/l	99
18) Methyl Acetate	2.76	43	365802	45.966	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	675408	47.618	ug/l	99
20) Methylene Chloride	2.85	84	222151	43.061	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	207767	43.575	ug/l	98
22) Diisopropyl ether	3.84	45	718893	46.422	ug/l	95
23) Vinyl Acetate	3.80	43	2864873	242.686	ug/l	99
24) 1,1-Dichloroethane	3.69	63	386059	45.904	ug/l	100
25) 2-Butanone	4.65	43	869279	217.618	ug/l	100
26) 2,2-Dichloropropane	4.57	77	325574	48.365	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	242792	45.497	ug/l	100
28) Bromochloromethane	5.00	49	159974	43.287	ug/l	98
29) Tetrahydrofuran	5.11	42	532504	224.607	ug/l	99
30) Chloroform	5.19	83	387509	46.514	ug/l	99
31) Cyclohexane	5.57	56	347279	43.903	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	330925	46.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287847	48.161	ug/l	99
37) Ethyl Acetate	4.81	43	325877	47.605	ug/l	99
38) Carbon Tetrachloride	5.77	117	284362	49.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	361975	48.344	ug/l	95
40) Benzene	6.13	78	866222	46.906	ug/l	99
41) Methacrylonitrile	5.02	41	181604	46.483	ug/l	99
42) 1,2-Dichloroethane	6.18	62	310618	48.708	ug/l	100
43) Isopropyl Acetate	6.43	43	530727	47.346	ug/l	99
44) Trichloroethene	7.20	130	244343	46.843	ug/l	95
45) 1,2-Dichloropropane	7.50	63	229816	48.306	ug/l	99
46) Dibromomethane	7.65	93	148250	48.114	ug/l	98
47) Bromodichloromethane	7.89	83	305664	50.579	ug/l	100
48) Methyl methacrylate	7.76	41	266311	49.723	ug/l	98
49) 1,4-Dioxane	7.73	88	95250	838.964	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1660435	234.691	ug/l	99
52) Toluene	8.78	92	552835	48.700	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	338890	52.079	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	369567	51.626	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227651	48.982	ug/l	97
56) Ethyl methacrylate	9.17	69	363944	46.326	ug/l	99
57) 1,3-Dichloropropane	9.36	76	387634	48.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	591256	252.960	ug/l	100
59) 2-Hexanone	9.48	43	1284382	233.946	ug/l	99
60) Dibromochloromethane	9.57	129	247529	51.024	ug/l	100
61) 1,2-Dibromoethane	9.67	107	237144	48.259	ug/l	98
64) Tetrachloroethene	9.33	164	264076	45.739	ug/l	98
65) Chlorobenzene	10.13	112	604580	48.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	225699	49.067	ug/l	99
67) Ethyl Benzene	10.24	91	1071469	50.299	ug/l	99
68) m/p-Xylenes	10.35	106	819611	101.561	ug/l	99
69) o-Xylene	10.69	106	396955	50.951	ug/l	98
70) Styrene	10.71	104	688451	52.678	ug/l	99
71) Bromoform	10.85	173	190601	52.106	ug/l	# 99
73) Isopropylbenzene	11.01	105	1062962	49.110	ug/l	99
74) N-amyl acetate	10.89	43	476777	50.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	344708	44.604	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	297445m	41.532	ug/l	
77) Bromobenzene	11.25	156	280664	48.268	ug/l	96
78) n-propylbenzene	11.35	91	1214767	49.444	ug/l	99
79) 2-Chlorotoluene	11.42	91	715930	48.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	894457	49.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	119761	47.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	831485	49.131	ug/l	100
83) tert-Butylbenzene	11.76	119	840685	49.802	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	906140	50.288	ug/l	97
85) sec-Butylbenzene	11.94	105	1056376	51.083	ug/l	100
86) p-Isopropyltoluene	12.06	119	979534	51.254	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	499017	47.752	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	505386	48.280	ug/l	99
89) n-Butylbenzene	12.38	91	864994	51.968	ug/l	99
90) Hexachloroethane	12.59	117	174673	49.207	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500609	48.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75455	45.444	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	360348	53.851	ug/l	98
94) Hexachlorobutadiene	13.77	225	173782	50.458	ug/l	97
95) Naphthalene	13.83	128	1053410	48.840	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	351244	51.912	ug/l	96

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

