

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015005.D
 Acq On : 26 Feb 2020 08:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:06 AM

Quant Time: Feb 26 12:55:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	654823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	245076	48.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.48	113	206637	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	8.71	98	777799	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	291779	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	197900	47.004	ug/l	98
3) Chloromethane	1.32	50	231319	48.461	ug/l	99
4) Vinyl Chloride	1.41	62	252223	49.051	ug/l	96
5) Bromomethane	1.63	94	143763	43.193	ug/l	99
6) Chloroethane	1.72	64	156073	47.436	ug/l	99
7) Trichlorofluoromethane	1.92	101	326055	45.384	ug/l	99
8) Diethyl Ether	2.18	74	142868	47.955	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204451	49.026	ug/l	99
10) Methyl Iodide	2.50	142	227198	48.969	ug/l	99
11) Tert butyl alcohol	3.02	59	219913	248.237	ug/l	99
12) 1,1-Dichloroethene	2.37	96	195223	47.907	ug/l	99
13) Acrolein	2.28	56	148360	219.728	ug/l	99
14) Allyl chloride	2.72	41	355534	49.210	ug/l	98
15) Acrylonitrile	3.13	53	572187	254.778	ug/l	99
16) Acetone	2.43	43	715921	266.339	ug/l	98
17) Carbon Disulfide	2.56	76	490566	43.086	ug/l	100
18) Methyl Acetate	2.76	43	276180	54.653	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	670463	50.555	ug/l	100
20) Methylene Chloride	2.85	84	225039	46.625	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	209198	46.525	ug/l	97
22) Diisopropyl ether	3.84	45	725390	52.569	ug/l	89
23) Vinyl Acetate	3.80	43	3042306	267.452	ug/l	99
24) 1,1-Dichloroethane	3.69	63	391572	50.280	ug/l	98
25) 2-Butanone	4.65	43	910843	266.651	ug/l	98
26) 2,2-Dichloropropane	4.57	77	328059	48.880	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	245455	48.834	ug/l	99
28) Bromochloromethane	5.00	49	157135	52.055	ug/l	98
29) Tetrahydrofuran	5.11	42	504599	259.861	ug/l	99
30) Chloroform	5.20	83	387923	50.205	ug/l	100
31) Cyclohexane	5.57	56	341232	48.107	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	329202	48.706	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288127	49.189	ug/l	99
37) Ethyl Acetate	4.81	43	307212	50.285	ug/l	100
38) Carbon Tetrachloride	5.78	117	284608	49.858	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	360627	49.227	ug/l	100
40) Benzene	6.13	78	875293	50.013	ug/l	98
41) Methacrylonitrile	5.02	41	176284	53.562	ug/l	100
42) 1,2-Dichloroethane	6.18	62	307440	48.603	ug/l	99
43) Isopropyl Acetate	6.43	43	522349	51.830	ug/l	99
44) Trichloroethene	7.20	130	246029	48.425	ug/l	98
45) 1,2-Dichloropropane	7.50	63	228691	51.237	ug/l	100
46) Dibromomethane	7.65	93	148488	48.669	ug/l	99
47) Bromodichloromethane	7.89	83	308310	50.965	ug/l	98
48) Methyl methacrylate	7.76	41	259193	52.259	ug/l	99
49) 1,4-Dioxane	7.73	88	97259	1048.806	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1606133	263.930	ug/l	100
52) Toluene	8.78	92	557050	50.113	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	344101	51.902	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	373530	51.000	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	228584	50.827	ug/l	99
56) Ethyl methacrylate	9.17	69	361408	53.464	ug/l	98
57) 1,3-Dichloropropane	9.37	76	383579	50.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	913554	258.413	ug/l	99
59) 2-Hexanone	9.48	43	1297478	271.255	ug/l	99
60) Dibromochloromethane	9.57	129	250073	51.670	ug/l	97
61) 1,2-Dibromoethane	9.67	107	235559	48.544	ug/l	99
64) Tetrachloroethene	9.33	164	251735	44.221	ug/l	99
65) Chlorobenzene	10.13	112	612887	49.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	233255	52.026	ug/l	99
67) Ethyl Benzene	10.25	91	1071469	51.016	ug/l	98
68) m/p-Xylenes	10.35	106	832387	102.879	ug/l	98
69) o-Xylene	10.70	106	393561	50.602	ug/l	99
70) Styrene	10.71	104	697458	53.008	ug/l	99
71) Bromoform	10.85	173	196099	52.401	ug/l #	98
73) Isopropylbenzene	11.01	105	1073178	52.367	ug/l	100
74) N-amyl acetate	10.89	43	463482	54.430	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	343281	51.243	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	288137m	48.759	ug/l	
77) Bromobenzene	11.25	156	284306	49.704	ug/l	98
78) n-propylbenzene	11.35	91	1245598	52.551	ug/l	100
79) 2-Chlorotoluene	11.42	91	715112	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	904212	52.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	119940	51.952	ug/l	100
82) 4-Chlorotoluene	11.51	91	840895	50.958	ug/l	99
83) tert-Butylbenzene	11.76	119	858881	52.967	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	910351	52.754	ug/l	100
85) sec-Butylbenzene	11.94	105	1075526	53.392	ug/l	99
86) p-Isopropyltoluene	12.06	119	1003826	53.252	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	516634	50.347	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	517081	49.345	ug/l	99
89) n-Butylbenzene	12.39	91	900396	53.333	ug/l	100
90) Hexachloroethane	12.59	117	177358	53.877	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	505247	50.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71939	45.773	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	375307	50.528	ug/l	98
94) Hexachlorobutadiene	13.78	225	187816	52.279	ug/l	98
95) Naphthalene	13.83	128	1055269	53.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364124	50.741	ug/l	98

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

