

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031720\
 Data File : VX015309.D
 Acq On : 17 Mar 2020 08:44
 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
 3/18/2020 4:16:46 PM

Quant Time: Mar 18 01:44:13 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	5.64	168	320459	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	468386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	434462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	166795	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.48	113	143309	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	552941	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	202400	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	122571	43.679	ug/l	100
3) Chloromethane	1.32	50	163636	41.166	ug/l	100
4) Vinyl Chloride	1.40	62	171780	42.618	ug/l	97
5) Bromomethane	1.63	94	100869	40.706	ug/l	99
6) Chloroethane	1.72	64	106475	44.037	ug/l	99
7) Trichlorofluoromethane	1.92	101	219647	45.798	ug/l	97
8) Diethyl Ether	2.18	74	96576	44.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144647	47.937	ug/l	99
10) Methyl Iodide	2.50	142	149020	43.713	ug/l	99
11) Tert butyl alcohol	3.03	59	137321	208.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137282	44.083	ug/l	99
13) Acrolein	2.28	56	140717	227.006	ug/l	99
14) Allyl chloride	2.72	41	266000	48.987	ug/l	94
15) Acrylonitrile	3.12	53	392741	239.081	ug/l	99
16) Acetone	2.43	43	440785	286.285	ug/l	95
17) Carbon Disulfide	2.56	76	359592	41.579	ug/l	100
18) Methyl Acetate	2.76	43	176849	46.975	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	459152	47.183	ug/l	96
20) Methylene Chloride	2.84	84	159823	44.355	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	149709	45.023	ug/l	96
22) Diisopropyl ether	3.84	45	542611	50.157	ug/l	97
23) Vinyl Acetate	3.80	43	2180084	245.153	ug/l	100
24) 1,1-Dichloroethane	3.69	63	285602	47.567	ug/l	98
25) 2-Butanone	4.65	43	590249	261.858	ug/l	98
26) 2,2-Dichloropropane	4.57	77	221333	46.435	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	173864	46.607	ug/l	99
28) Bromochloromethane	5.00	49	139941	51.184	ug/l	94
29) Tetrahydrofuran	5.11	42	341040	234.714	ug/l	95
30) Chloroform	5.20	83	272063	46.490	ug/l	100
31) Cyclohexane	5.56	56	252976	47.236	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	226199	46.629	ug/l	98
36) 1,1-Dichloropropene	5.79	75	206193	47.619	ug/l	99
37) Ethyl Acetate	4.81	43	207022	51.542	ug/l	99
38) Carbon Tetrachloride	5.77	117	195918	47.934	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	257288	50.887	ug/l	97
40) Benzene	6.13	78	639809	49.804	ug/l	100
41) Methacrylonitrile	5.03	41	120565	49.974	ug/l	96
42) 1,2-Dichloroethane	6.18	62	210593	47.735	ug/l	100
43) Isopropyl Acetate	6.43	43	344523	48.758	ug/l	99
44) Trichloroethene	7.20	130	175093	48.940	ug/l	94
45) 1,2-Dichloropropane	7.50	63	175308	52.721	ug/l	100
46) Dibromomethane	7.65	93	104599	48.276	ug/l	99
47) Bromodichloromethane	7.89	83	217007	50.648	ug/l	98
48) Methyl methacrylate	7.76	41	175374	48.765	ug/l	98
49) 1,4-Dioxane	7.73	88	70860	911.313	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1058905	253.462	ug/l	99
52) Toluene	8.78	92	400801	51.026	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	237766	52.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	270114	52.392	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	163446	50.555	ug/l	98
56) Ethyl methacrylate	9.17	69	245146	53.160	ug/l	97
57) 1,3-Dichloropropane	9.36	76	276964	50.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	642001	255.549	ug/l	100
59) 2-Hexanone	9.48	43	847491	273.693	ug/l	99
60) Dibromochloromethane	9.57	129	173483	51.082	ug/l	100
61) 1,2-Dibromoethane	9.67	107	162941	47.983	ug/l	98
64) Tetrachloroethene	9.33	164	182881	50.911	ug/l	99
65) Chlorobenzene	10.13	112	434189	49.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	161843	49.207	ug/l	99
67) Ethyl Benzene	10.25	91	762976	51.512	ug/l	100
68) m/p-Xylenes	10.36	106	591305	104.929	ug/l	100
69) o-Xylene	10.69	106	280639	52.014	ug/l	99
70) Styrene	10.71	104	497063	53.730	ug/l	99
71) Bromoform	10.85	173	128106	50.228	ug/l #	99
73) Isopropylbenzene	11.01	105	763410	50.104	ug/l	99
74) N-amyl acetate	10.89	43	312150	48.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231739	45.638	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	197069m	41.422	ug/l	
77) Bromobenzene	11.25	156	196533	46.285	ug/l	98
78) n-propylbenzene	11.35	91	899664	51.684	ug/l	99
79) 2-Chlorotoluene	11.42	91	516510	49.686	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	642960	50.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78417	46.777	ug/l	99
82) 4-Chlorotoluene	11.50	91	607423	49.458	ug/l	100
83) tert-Butylbenzene	11.76	119	604289	49.273	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	652616	51.217	ug/l	100
85) sec-Butylbenzene	11.94	105	763189	51.549	ug/l	100
86) p-Isopropyltoluene	12.06	119	709029	51.981	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	363957	48.758	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	366092	47.504	ug/l	99
89) n-Butylbenzene	12.38	91	638619	52.641	ug/l	100
90) Hexachloroethane	12.59	117	123142	47.753	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	361307	48.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46365	45.599	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	267702	51.966	ug/l	99
94) Hexachlorobutadiene	13.78	225	131529	49.757	ug/l	97
95) Naphthalene	13.83	128	720068	45.734	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	269124	52.361	ug/l	99

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

