

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015271.D
 Acq On : 13 Mar 2020 19:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:30 PM

Quant Time: Mar 16 09:39:05 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	5.65	168	244237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	364647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	185713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127796	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	
35) Dibromofluoromethane	5.49	113	111103	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	422966	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	157509	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92092	43.060	ug/l	98
3) Chloromethane	1.31	50	120032	39.621	ug/l	99
4) Vinyl Chloride	1.40	62	126195	41.080	ug/l	97
5) Bromomethane	1.63	94	78982	41.820	ug/l	96
6) Chloroethane	1.72	64	78766	42.744	ug/l	99
7) Trichlorofluoromethane	1.92	101	164770	45.077	ug/l	99
8) Diethyl Ether	2.18	74	73644	44.482	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105936	46.065	ug/l	98
10) Methyl Iodide	2.50	142	113610	43.726	ug/l	100
11) Tert butyl alcohol	3.03	59	135873	270.273	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107232	45.180	ug/l	99
13) Acrolein	2.28	56	112856	238.878	ug/l	100
14) Allyl chloride	2.72	41	208852	50.466	ug/l	92
15) Acrylonitrile	3.13	53	337010	269.180	ug/l	99
16) Acetone	2.43	43	266078	226.747	ug/l	98
17) Carbon Disulfide	2.56	76	279852	42.458	ug/l	99
18) Methyl Acetate	2.76	43	152607	53.186	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	370290	49.926	ug/l	98
20) Methylene Chloride	2.85	84	124919	45.488	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	117781	46.475	ug/l	97
22) Diisopropyl ether	3.84	45	426069	51.675	ug/l	96
23) Vinyl Acetate	3.80	43	1764346	260.320	ug/l	99
24) 1,1-Dichloroethane	3.69	63	220931	48.279	ug/l	99
25) 2-Butanone	4.65	43	457047	266.044	ug/l	98
26) 2,2-Dichloropropane	4.57	77	157015	43.222	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	137246	48.273	ug/l	100
28) Bromochloromethane	5.00	49	103504	49.671	ug/l	97
29) Tetrahydrofuran	5.11	42	302301	272.982	ug/l	96
30) Chloroform	5.20	83	214182	48.021	ug/l	99
31) Cyclohexane	5.57	56	199084	48.774	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	181021	48.961	ug/l	98
36) 1,1-Dichloropropene	5.79	75	162538	48.217	ug/l	99
37) Ethyl Acetate	4.82	43	179183	57.302	ug/l	99
38) Carbon Tetrachloride	5.78	117	156831	49.287	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194059	49.300	ug/l	99
40) Benzene	6.14	78	499486	49.942	ug/l	98
41) Methacrylonitrile	5.03	41	102689	54.673	ug/l	98
42) 1,2-Dichloroethane	6.19	62	168547	49.074	ug/l	100
43) Isopropyl Acetate	6.44	43	297804	54.137	ug/l	99
44) Trichloroethene	7.21	130	143231	51.424	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137073	52.950	ug/l	99
46) Dibromomethane	7.65	93	84260	49.953	ug/l	97
47) Bromodichloromethane	7.89	83	169738	50.886	ug/l	99
48) Methyl methacrylate	7.76	41	148102	52.898	ug/l	97
49) 1,4-Dioxane	7.73	88	65955	1089.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	927618	285.204	ug/l	100
52) Toluene	8.78	92	315689	51.624	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188471	53.084	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	208676	51.990	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	128741	51.149	ug/l	98
56) Ethyl methacrylate	9.17	69	203471	56.675	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216600	51.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	518077	264.890	ug/l	99
59) 2-Hexanone	9.48	43	693965	287.871	ug/l	98
60) Dibromochloromethane	9.57	129	137699	52.080	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133168	50.372	ug/l	98
64) Tetrachloroethene	9.33	164	139727	49.456	ug/l	98
65) Chlorobenzene	10.14	112	342763	49.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	128781	49.783	ug/l	99
67) Ethyl Benzene	10.25	91	601305	51.616	ug/l	98
68) m/p-Xylenes	10.36	106	460890	103.986	ug/l	99
69) o-Xylene	10.70	106	221715	52.247	ug/l	99
70) Styrene	10.71	104	392679	53.969	ug/l	99
71) Bromoform	10.85	173	108181	53.929	ug/l	99
73) Isopropylbenzene	11.01	105	594140	50.081	ug/l	100
74) N-amyl acetate	10.89	43	261488	52.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192796	48.764	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159739m	43.121	ug/l	
77) Bromobenzene	11.25	156	160056	48.411	ug/l	98
78) n-propylbenzene	11.35	91	677706	50.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	398178	49.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	505173	51.152	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	63608	48.731	ug/l	97
82) 4-Chlorotoluene	11.51	91	461915	48.304	ug/l	100
83) tert-Butylbenzene	11.76	119	486418	50.938	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	500835	50.481	ug/l	99
85) sec-Butylbenzene	11.94	105	591366	51.300	ug/l	99
86) p-Isopropyltoluene	12.06	119	541546	50.990	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284143	48.888	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	283221	47.199	ug/l	100
89) n-Butylbenzene	12.38	91	481576	50.982	ug/l	99
90) Hexachloroethane	12.59	117	95692	47.659	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	283345	49.035	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40826	51.567	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	210871	52.572	ug/l	100
94) Hexachlorobutadiene	13.78	225	103093	50.087	ug/l	97
95) Naphthalene	13.83	128	609542	49.597	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210788	52.671	ug/l	99

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

