

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016472.D
 Acq On : 28 May 2020 09:55
 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
 5/29/2020 10:57:39 AM

Quant Time: May 28 13:17:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	366580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	568397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	508814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	211680	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	5.46	113	166449	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.70	98	662090	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.12	95	242066	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	197700	54.802	ug/l	97
3) Chloromethane	1.31	50	229244	52.584	ug/l	99
4) Vinyl Chloride	1.39	62	250443	54.322	ug/l	98
5) Bromomethane	1.62	94	111580	49.776	ug/l	100
6) Chloroethane	1.71	64	149903	55.739	ug/l	97
7) Trichlorofluoromethane	1.91	101	325286	53.724	ug/l	98
8) Diethyl Ether	2.17	74	136350	54.006	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	176827	53.064	ug/l	99
10) Methyl Iodide	2.49	142	197438	49.617	ug/l	98
11) Tert butyl alcohol	3.01	59	279795	239.676	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188199	53.355	ug/l	95
13) Acrolein	2.27	56	117909	237.436	ug/l	98
14) Allyl chloride	2.70	41	362135	55.826	ug/l	99
15) Acrylonitrile	3.11	53	634676	265.408	ug/l	98
16) Acetone	2.42	43	536534	269.002	ug/l	99
17) Carbon Disulfide	2.55	76	562406	53.692	ug/l	100
18) Methyl Acetate	2.75	43	270789	52.934	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	682811	53.909	ug/l	100
20) Methylene Chloride	2.83	84	217442	52.693	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	208295	53.387	ug/l	96
22) Diisopropyl ether	3.82	45	686684	55.104	ug/l	94
23) Vinyl Acetate	3.78	43	3048246	279.460	ug/l	99
24) 1,1-Dichloroethane	3.67	63	381984	54.309	ug/l	99
25) 2-Butanone	4.63	43	857783	253.808	ug/l	100
26) 2,2-Dichloropropane	4.55	77	338856	58.877	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	238509	52.842	ug/l	99
28) Bromochloromethane	4.98	49	173138	52.972	ug/l	98
29) Tetrahydrofuran	5.09	42	575646	263.644	ug/l	99
30) Chloroform	5.17	83	375187	52.941	ug/l	99
31) Cyclohexane	5.54	56	314035	49.630	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	333728	52.014	ug/l	100
36) 1,1-Dichloropropene	5.77	75	291398	54.147	ug/l	100
37) Ethyl Acetate	4.79	43	336021	52.007	ug/l	100
38) Carbon Tetrachloride	5.75	117	291286	51.504	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311079	53.218	ug/l	99
40) Benzene	6.11	78	864833	53.964	ug/l	99
41) Methacrylonitrile	5.00	41	188431	53.094	ug/l	97
42) 1,2-Dichloroethane	6.16	62	297920	52.273	ug/l	100
43) Isopropyl Acetate	6.41	43	540304	53.611	ug/l	99
44) Trichloroethene	7.18	130	266567	52.424	ug/l	97
45) 1,2-Dichloropropane	7.49	63	223400	54.756	ug/l	99
46) Dibromomethane	7.63	93	145804	53.206	ug/l	100
47) Bromodichloromethane	7.87	83	305625	53.863	ug/l	98
48) Methyl methacrylate	7.74	41	260474	53.979	ug/l	99
49) 1,4-Dioxane	7.71	88	105676	935.787	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1670404	266.187	ug/l	100
52) Toluene	8.76	92	543943	53.823	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	364071	56.427	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	381227	55.822	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	215792	53.704	ug/l	99
56) Ethyl methacrylate	9.16	69	369037	56.392	ug/l	99
57) 1,3-Dichloropropane	9.35	76	369534	53.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	889784	260.494	ug/l	100
59) 2-Hexanone	9.47	43	1311834	268.817	ug/l	100
60) Dibromochloromethane	9.57	129	246770	54.572	ug/l	100
61) 1,2-Dibromoethane	9.65	107	231547	53.812	ug/l	100
64) Tetrachloroethene	9.32	164	300996	52.875	ug/l	99
65) Chlorobenzene	10.12	112	571960	55.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	218981	55.302	ug/l	99
67) Ethyl Benzene	10.23	91	1007999	54.578	ug/l	98
68) m/p-Xylenes	10.34	106	757303	110.592	ug/l	99
69) o-Xylene	10.68	106	364401	54.948	ug/l	98
70) Styrene	10.70	104	645509	56.629	ug/l	100
71) Bromoform	10.84	173	187752	56.103	ug/l	100
73) Isopropylbenzene	11.00	105	928835	55.446	ug/l	100
74) N-amyl acetate	10.88	43	465041	60.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	243926	58.099	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	311652m	58.644	ug/l	
77) Bromobenzene	11.24	156	247806	56.400	ug/l	100
78) n-propylbenzene	11.34	91	1061501	56.717	ug/l	99
79) 2-Chlorotoluene	11.40	91	645570	56.510	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	777940	55.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127939	59.219	ug/l	95
82) 4-Chlorotoluene	11.49	91	756127	56.049	ug/l	100
83) tert-Butylbenzene	11.76	119	663947	55.551	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	784476	55.455	ug/l	100
85) sec-Butylbenzene	11.93	105	855182	57.038	ug/l	100
86) p-Isopropyltoluene	12.05	119	811034	57.746	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	412411	54.178	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	424892	54.576	ug/l	100
89) n-Butylbenzene	12.37	91	700382	59.870	ug/l	99
90) Hexachloroethane	12.58	117	135853	56.000	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	405655	55.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72668	53.436	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	274923	56.130	ug/l	99
94) Hexachlorobutadiene	13.77	225	116674	60.671	ug/l	99
95) Naphthalene	13.82	128	929997	55.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	270116	56.291	ug/l	98

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

