

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017623.D
 Acq On : 27 Jul 2020 17:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:46 AM

Quant Time: Jul 28 01:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	565442	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	860545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	820615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	413460	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	374754	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
35) Dibromofluoromethane	5.46	113	295857	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	8.70	98	1029349	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	426980	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	257081	48.985	ug/l	99
3) Chloromethane	1.31	50	351719	50.320	ug/l	99
4) Vinyl Chloride	1.39	62	328532	46.172	ug/l	100
5) Bromomethane	1.62	94	187912	49.078	ug/l	100
6) Chloroethane	1.70	64	191207	48.712	ug/l	95
7) Trichlorofluoromethane	1.91	101	506332	45.242	ug/l	100
8) Diethyl Ether	2.17	74	180035	49.607	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	267676	43.584	ug/l	97
10) Methyl Iodide	2.49	142	335495	42.699	ug/l	97
11) Tert butyl alcohol	3.01	59	319077	208.436	ug/l	99
12) 1,1-Dichloroethene	2.35	96	256156	43.859	ug/l	96
13) Acrolein	2.27	56	354307	302.267	ug/l	100
14) Allyl chloride	2.70	41	463245	43.438	ug/l	98
15) Acrylonitrile	3.11	53	774428	234.223	ug/l	100
16) Acetone	2.42	43	663750	207.626	ug/l	100
17) Carbon Disulfide	2.54	76	722019	40.673	ug/l	100
18) Methyl Acetate	2.75	43	331914	44.084	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	943687	46.683	ug/l	100
20) Methylene Chloride	2.83	84	292004	48.459	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	284195	45.422	ug/l	98
22) Diisopropyl ether	3.82	45	982359	50.379	ug/l	95
23) Vinyl Acetate	3.78	43	4456045	256.297	ug/l	99
24) 1,1-Dichloroethane	3.67	63	539640	48.041	ug/l	100
25) 2-Butanone	4.64	43	1118221	246.225	ug/l	97
26) 2,2-Dichloropropane	4.54	77	477969	47.536	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	322509	47.457	ug/l	100
28) Bromochloromethane	4.98	49	242247	47.590	ug/l	99
29) Tetrahydrofuran	5.09	42	724844	257.667	ug/l	100
30) Chloroform	5.18	83	573109	49.933	ug/l	100
31) Cyclohexane	5.54	56	399843	44.637	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	516870	47.757	ug/l	99
36) 1,1-Dichloropropene	5.77	75	384544	46.592	ug/l	100
37) Ethyl Acetate	4.79	43	437407	48.437	ug/l	99
38) Carbon Tetrachloride	5.75	117	451718	45.070	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	385321	39.993	ug/l	97
40) Benzene	6.11	78	1114401	47.096	ug/l	98
41) Methacrylonitrile	5.01	41	253838	49.040	ug/l	99
42) 1,2-Dichloroethane	6.16	62	468239	48.370	ug/l	99
43) Isopropyl Acetate	6.41	43	709707	47.632	ug/l	99
44) Trichloroethene	7.18	130	335329	48.493	ug/l	96
45) 1,2-Dichloropropane	7.49	63	311790	47.533	ug/l	100
46) Dibromomethane	7.63	93	218493	47.133	ug/l	98
47) Bromodichloromethane	7.87	83	462390	49.572	ug/l	99
48) Methyl methacrylate	7.74	41	360793	48.850	ug/l	99
49) 1,4-Dioxane	7.71	88	129971	917.867	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2162349	243.230	ug/l	99
52) Toluene	8.76	92	723545	47.680	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	530547	50.811	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	532909	50.037	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	316004	49.989	ug/l	99
56) Ethyl methacrylate	9.16	69	484757	50.899	ug/l	100
57) 1,3-Dichloropropane	9.35	76	514114	49.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1175854	234.346	ug/l	98
59) 2-Hexanone	9.47	43	1666066	248.917	ug/l	100
60) Dibromochloromethane	9.57	129	395899	49.273	ug/l	99
61) 1,2-Dibromoethane	9.65	107	341550	50.749	ug/l	98
64) Tetrachloroethene	9.32	164	343223	46.600	ug/l	95
65) Chlorobenzene	10.12	112	845061	47.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	347788	48.515	ug/l	98
67) Ethyl Benzene	10.24	91	1455175	49.078	ug/l	98
68) m/p-Xylenes	10.34	106	1097721	95.567	ug/l	98
69) o-Xylene	10.68	106	524011	47.433	ug/l	98
70) Styrene	10.70	104	933456	49.662	ug/l	99
71) Bromoform	10.84	173	290943	46.845	ug/l #	98
73) Isopropylbenzene	11.00	105	1382694	48.748	ug/l	99
74) N-amyl acetate	10.88	43	634772	50.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	426998	48.230	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	425350m	50.011	ug/l	
77) Bromobenzene	11.24	156	397881	50.107	ug/l	99
78) n-propylbenzene	11.34	91	1520392	47.527	ug/l	99
79) 2-Chlorotoluene	11.40	91	948624	47.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1137166	46.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	164797	48.824	ug/l	96
82) 4-Chlorotoluene	11.49	91	1136349	48.612	ug/l	100
83) tert-Butylbenzene	11.76	119	1098305	47.396	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1223475	50.793	ug/l	99
85) sec-Butylbenzene	11.93	105	1138691	42.182	ug/l	100
86) p-Isopropyltoluene	12.05	119	1091089	42.443	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	659124	48.337	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	671248	47.524	ug/l	99
89) n-Butylbenzene	12.37	91	871225	38.034	ug/l	100
90) Hexachloroethane	12.58	117	198340	39.135	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	635391	47.411	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	113485	45.567	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	390309	42.673	ug/l	100
94) Hexachlorobutadiene	13.77	225	124529	29.577	ug/l	98
95) Naphthalene	13.82	128	1308778	47.933	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	381765	42.272	ug/l	98

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

