

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017363.D
 Acq On : 13 Jul 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:16 AM

Quant Time: Jul 14 03:17:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	439870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233661	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	180071	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	5.47	113	146097	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
50) Toluene-d8	8.70	98	519362	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.12	95	210671	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	98784	44.253	ug/l	98
3) Chloromethane	1.31	50	144682	57.572	ug/l	97
4) Vinyl Chloride	1.39	62	127073	51.113	ug/l	97
5) Bromomethane	1.62	94	90770	56.085	ug/l	97
6) Chloroethane	1.71	64	84250	53.688	ug/l	94
7) Trichlorofluoromethane	1.92	101	184163	43.889	ug/l	97
8) Diethyl Ether	2.17	74	82332	55.508	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	93657	39.182	ug/l	97
10) Methyl Iodide	2.49	142	167806	52.828	ug/l	98
11) Tert butyl alcohol	3.01	59	173476	310.981	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116423	48.496	ug/l	95
13) Acrolein	2.27	56	78159	255.596	ug/l	98
14) Allyl chloride	2.71	41	230740	55.470	ug/l	97
15) Acrylonitrile	3.12	53	413528	305.800	ug/l	100
16) Acetone	2.42	43	340949	288.645	ug/l	98
17) Carbon Disulfide	2.55	76	349197	49.862	ug/l	99
18) Methyl Acetate	2.75	43	174489	59.808	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	489630	60.066	ug/l	100
20) Methylene Chloride	2.84	84	154881	53.742	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143851	52.372	ug/l	96
22) Diisopropyl ether	3.82	45	471602	59.517	ug/l	99
23) Vinyl Acetate	3.79	43	2175008	312.110	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260538	55.948	ug/l	99
25) 2-Butanone	4.64	43	578188	308.186	ug/l	98
26) 2,2-Dichloropropane	4.55	77	204378	47.158	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	168106	55.811	ug/l	99
28) Bromochloromethane	4.98	49	129230	60.072	ug/l	96
29) Tetrahydrofuran	5.09	42	376212	309.783	ug/l	99
30) Chloroform	5.18	83	279173	55.721	ug/l	96
31) Cyclohexane	5.54	56	165691	43.462	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	234293	50.584	ug/l	99
36) 1,1-Dichloropropene	5.77	75	183265	45.295	ug/l	99
37) Ethyl Acetate	4.79	43	227277	54.318	ug/l	99
38) Carbon Tetrachloride	5.75	117	207567	43.817	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160768	36.590	ug/l	96
40) Benzene	6.11	78	589245	50.676	ug/l	100
41) Methacrylonitrile	5.00	41	125828	56.016	ug/l	99
42) 1,2-Dichloroethane	6.17	62	230239	50.964	ug/l	100
43) Isopropyl Acetate	6.42	43	371396	55.548	ug/l	100
44) Trichloroethene	7.19	130	169913	47.840	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157966	53.093	ug/l	98
46) Dibromomethane	7.64	93	113454	52.873	ug/l	98
47) Bromodichloromethane	7.88	83	236173	52.645	ug/l	99
48) Methyl methacrylate	7.74	41	184412	57.477	ug/l	100
49) 1,4-Dioxane	7.71	88	75435	1148.896	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1167748	286.437	ug/l	100
52) Toluene	8.76	92	382268	51.230	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	258795	53.548	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	270663	52.508	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	166826	53.616	ug/l	98
56) Ethyl methacrylate	9.16	69	255423	57.821	ug/l	99
57) 1,3-Dichloropropane	9.35	76	275720	53.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	672249	299.711	ug/l	100
59) 2-Hexanone	9.47	43	892682	290.116	ug/l	99
60) Dibromochloromethane	9.57	129	203046	53.416	ug/l	99
61) 1,2-Dibromoethane	9.65	107	182296	53.856	ug/l	99
64) Tetrachloroethene	9.32	164	163775	43.948	ug/l	99
65) Chlorobenzene	10.12	112	440986	50.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179754	51.600	ug/l	98
67) Ethyl Benzene	10.24	91	722951	49.633	ug/l	99
68) m/p-Xylenes	10.34	106	569159	102.698	ug/l	97
69) o-Xylene	10.68	106	273960	51.733	ug/l	99
70) Styrene	10.70	104	493633	54.303	ug/l	99
71) Bromoform	10.84	173	159295	54.190	ug/l #	100
73) Isopropylbenzene	11.00	105	701462	47.890	ug/l	99
74) N-amyl acetate	10.88	43	339958	57.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	244428	54.961	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	239656m	55.506	ug/l	
77) Bromobenzene	11.24	156	209120	50.127	ug/l	96
78) n-propylbenzene	11.34	91	800538	48.664	ug/l	100
79) 2-Chlorotoluene	11.40	91	514576	50.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	623979	50.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	90644	53.256	ug/l	97
82) 4-Chlorotoluene	11.49	91	616553	51.319	ug/l	99
83) tert-Butylbenzene	11.76	119	593739	49.399	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	644908	51.341	ug/l	99
85) sec-Butylbenzene	11.93	105	655683	46.596	ug/l	100
86) p-Isopropyltoluene	12.05	119	637742	47.898	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	365237	48.940	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	369152	48.960	ug/l	99
89) n-Butylbenzene	12.37	91	520176	45.809	ug/l	100
90) Hexachloroethane	12.58	117	120230	47.564	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	350986	50.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59026	50.299	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	233947	48.055	ug/l	99
94) Hexachlorobutadiene	13.77	225	81668	41.135	ug/l	97
95) Naphthalene	13.82	128	784601	54.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	240312	51.101	ug/l	97

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

