

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015964.D
 Acq On : 28 Apr 2020 16:09
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:59:52 PM

Quant Time: Apr 28 17:28:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	268727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	420780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	166829	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
35) Dibromofluoromethane	5.47	113	126835	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.70	98	476714	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.12	95	184271	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	123261	51.258	ug/l	100
3) Chloromethane	1.31	50	139473	47.857	ug/l	100
4) Vinyl Chloride	1.39	62	164927	49.831	ug/l	100
5) Bromomethane	1.62	94	111721	50.281	ug/l	100
6) Chloroethane	1.71	64	104461	47.449	ug/l	100
7) Trichlorofluoromethane	1.92	101	247176	49.410	ug/l	100
8) Diethyl Ether	2.17	74	99395	47.592	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120435	48.297	ug/l	100
10) Methyl Iodide	2.49	142	177992	51.169	ug/l	100
11) Tert butyl alcohol	3.01	59	205765	241.260	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124493	48.420	ug/l	100
13) Acrolein	2.27	56	49137	229.252	ug/l	100
14) Allyl chloride	2.71	41	230702	49.762	ug/l	100
15) Acrylonitrile	3.12	53	423247	250.281	ug/l	100
16) Acetone	2.42	43	364468	242.584	ug/l	100
17) Carbon Disulfide	2.55	76	362912	44.069	ug/l	100
18) Methyl Acetate	2.75	43	210978	49.485	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	463410	49.833	ug/l	100
20) Methylene Chloride	2.84	84	140155	47.123	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	136753	47.195	ug/l	100
22) Diisopropyl ether	3.82	45	451027	49.484	ug/l	100
23) Vinyl Acetate	3.79	43	2002293	252.888	ug/l	100
24) 1,1-Dichloroethane	3.67	63	253678	49.962	ug/l	100
25) 2-Butanone	4.64	43	610585	250.787	ug/l	100
26) 2,2-Dichloropropane	4.56	77	231908	49.953	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	159612	48.541	ug/l	100
28) Bromochloromethane	4.98	49	113044	46.008	ug/l	100
29) Tetrahydrofuran	5.09	42	394894	247.492	ug/l	100
30) Chloroform	5.18	83	258173	48.898	ug/l	100
31) Cyclohexane	5.55	56	221604	49.025	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	240445	49.462	ug/l	100
36) 1,1-Dichloropropene	5.78	75	193193	48.206	ug/l	100
37) Ethyl Acetate	4.79	43	232412	50.574	ug/l	100
38) Carbon Tetrachloride	5.76	117	212641	50.233	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	230897	49.808	ug/l	100
40) Benzene	6.12	78	567098	49.593	ug/l	100
41) Methacrylonitrile	5.00	41	122887	49.957	ug/l	100
42) 1,2-Dichloroethane	6.17	62	217855	49.170	ug/l	100
43) Isopropyl Acetate	6.42	43	383673	50.418	ug/l	100
44) Trichloroethene	7.19	130	201198	48.815	ug/l	100
45) 1,2-Dichloropropane	7.49	63	147032	49.752	ug/l	100
46) Dibromomethane	7.64	93	104059	49.553	ug/l	100
47) Bromodichloromethane	7.88	83	212158	50.841	ug/l	100
48) Methyl methacrylate	7.75	41	181676	51.708	ug/l	100
49) 1,4-Dioxane	7.71	88	78725	952.452	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1180637	255.776	ug/l	100
52) Toluene	8.77	92	365182	50.311	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	245766	49.635	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	253026	49.686	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	144597	49.848	ug/l	100
56) Ethyl methacrylate	9.16	69	241953	51.297	ug/l	100
57) 1,3-Dichloropropane	9.35	76	250439	50.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	612968	251.484	ug/l	100
59) 2-Hexanone	9.48	43	925479	256.553	ug/l	100
60) Dibromochloromethane	9.57	129	165696	51.036	ug/l	100
61) 1,2-Dibromoethane	9.65	107	159839	50.815	ug/l	100
64) Tetrachloroethene	9.32	164	227441	49.200	ug/l	100
65) Chlorobenzene	10.12	112	393954	49.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	151237	50.417	ug/l	100
67) Ethyl Benzene	10.24	91	702371	49.692	ug/l	100
68) m/p-Xylenes	10.34	106	537103	100.144	ug/l	100
69) o-Xylene	10.68	106	259816	51.023	ug/l	100
70) Styrene	10.70	104	443284	50.734	ug/l	100
71) Bromoform	10.84	173	127545	52.484	ug/l	# 100
73) Isopropylbenzene	11.01	105	698914	50.674	ug/l	100
74) N-amyl acetate	10.88	43	337442	50.728	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	142289	53.221	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	214854m	40.465	ug/l	
77) Bromobenzene	11.24	156	179739	50.627	ug/l	100
78) n-propylbenzene	11.35	91	805224	50.751	ug/l	100
79) 2-Chlorotoluene	11.41	91	469941	49.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	593696	51.100	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91660	50.915	ug/l	100
82) 4-Chlorotoluene	11.49	91	565582	50.023	ug/l	100
83) tert-Butylbenzene	11.76	119	509967	50.907	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	599402	51.262	ug/l	100
85) sec-Butylbenzene	11.93	105	687162	50.913	ug/l	100
86) p-Isopropyltoluene	12.05	119	641581	50.749	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	318400	49.180	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	315845	48.271	ug/l	100
89) n-Butylbenzene	12.37	91	574096	50.258	ug/l	100
90) Hexachloroethane	12.58	117	113653	50.881	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	301913	48.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56444	49.569	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	230875	49.686	ug/l	100
94) Hexachlorobutadiene	13.77	225	99769	48.056	ug/l	100
95) Naphthalene	13.82	128	748086	51.045	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	220665	49.318	ug/l	100

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

