

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015082.D
 Acq On : 04 Mar 2020 09:47
 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
 3/5/2020 12:32:30 PM

Quant Time: Mar 04 13:46:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	561153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	290818	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	226845	48.37	ug/l	0.00
Spiked Amount						
			Recovery	=	96.74%	
35) Dibromofluoromethane	5.49	113	186147	48.83	ug/l	0.00
Spiked Amount						
			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	723365	49.88	ug/l	0.00
Spiked Amount						
			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	254232	49.15	ug/l	0.00
Spiked Amount						
			Recovery	=	98.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	167650	48.434	ug/l	100
3) Chloromethane	1.32	50	228679	46.639	ug/l	100
4) Vinyl Chloride	1.40	62	238192	47.909	ug/l	100
5) Bromomethane	1.64	94	145643	47.649	ug/l	100
6) Chloroethane	1.72	64	144728	48.527	ug/l	100
7) Trichlorofluoromethane	1.92	101	288492	48.766	ug/l	100
8) Diethyl Ether	2.18	74	132483	48.925	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	182817	49.118	ug/l	100
10) Methyl Iodide	2.50	142	226809	53.937	ug/l	100
11) Tert butyl alcohol	3.04	59	197493	242.730	ug/l	100
12) 1,1-Dichloroethene	2.37	96	184218	47.957	ug/l	100
13) Acrolein	2.28	56	184215	240.923	ug/l	100
14) Allyl chloride	2.72	41	330964	49.414	ug/l	100
15) Acrylonitrile	3.13	53	508233	250.822	ug/l	100
16) Acetone	2.44	43	463562	244.086	ug/l	100
17) Carbon Disulfide	2.56	76	518658	48.620	ug/l	100
18) Methyl Acetate	2.76	43	219475	47.262	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	604433	50.354	ug/l	100
20) Methylene Chloride	2.85	84	205496	46.235	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	199561	48.654	ug/l	100
22) Diisopropyl ether	3.84	45	675202	50.599	ug/l	100
23) Vinyl Acetate	3.81	43	2872057	261.830	ug/l	100
24) 1,1-Dichloroethane	3.69	63	363433	49.072	ug/l	100
25) 2-Butanone	4.66	43	715359	257.287	ug/l	100
26) 2,2-Dichloropropane	4.58	77	289756	49.283	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	228441	49.645	ug/l	100
28) Bromochloromethane	5.01	49	169968	50.398	ug/l	100
29) Tetrahydrofuran	5.12	42	449197	250.630	ug/l	100
30) Chloroform	5.20	83	353628	48.989	ug/l	100
31) Cyclohexane	5.58	56	328836	49.778	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	299303	50.019	ug/l	100
36) 1,1-Dichloropropene	5.79	75	272450	48.740	ug/l	100
37) Ethyl Acetate	4.82	43	277562	53.540	ug/l	100
38) Carbon Tetrachloride	5.78	117	261280	49.518	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	329246	50.446	ug/l	100
40) Benzene	6.14	78	826360	49.830	ug/l	100
41) Methacrylonitrile	5.03	41	155065	53.934	ug/l	100
42) 1,2-Dichloroethane	6.18	62	284278	49.918	ug/l	100
43) Isopropyl Acetate	6.43	43	463890	50.859	ug/l	100
44) Trichloroethene	7.21	130	227745	49.311	ug/l	100
45) 1,2-Dichloropropane	7.51	63	214322	49.931	ug/l	100
46) Dibromomethane	7.65	93	137159	49.037	ug/l	100
47) Bromodichloromethane	7.89	83	278456	50.345	ug/l	100
48) Methyl methacrylate	7.76	41	231582	49.881	ug/l	100
49) 1,4-Dioxane	7.75	88	97401	972.643	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1402393	260.061	ug/l	100
52) Toluene	8.78	92	517201	51.010	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	309715	52.271	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	342226	51.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	208280	49.905	ug/l	100
56) Ethyl methacrylate	9.17	69	317486	53.340	ug/l	100
57) 1,3-Dichloropropane	9.37	76	351035	49.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	831881	256.526	ug/l	100
59) 2-Hexanone	9.48	43	1063828	266.178	ug/l	100
60) Dibromochloromethane	9.57	129	222512	50.754	ug/l	100
61) 1,2-Dibromoethane	9.67	107	215499	49.159	ug/l	100
64) Tetrachloroethene	9.33	164	226712	48.864	ug/l	100
65) Chlorobenzene	10.14	112	553675	49.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	207391	48.820	ug/l	100
67) Ethyl Benzene	10.25	91	973800	50.902	ug/l	100
68) m/p-Xylenes	10.35	106	746479	102.558	ug/l	100
69) o-Xylene	10.70	106	356163	51.108	ug/l	100
70) Styrene	10.71	104	618184	51.736	ug/l	100
71) Bromoform	10.85	173	168441	51.132	ug/l	100
73) Isopropylbenzene	11.01	105	963782	51.878	ug/l	100
74) N-amyl acetate	10.89	43	407691	52.073	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	299501	48.375	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	289408m	50.708	ug/l	
77) Bromobenzene	11.25	156	249070	48.108	ug/l	100
78) n-propylbenzene	11.35	91	1103843	52.008	ug/l	100
79) 2-Chlorotoluene	11.42	91	633836	50.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	797079	51.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	103917	50.840	ug/l	100
82) 4-Chlorotoluene	11.51	91	748144	49.960	ug/l	100
83) tert-Butylbenzene	11.76	119	763088	51.030	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	800927	51.552	ug/l	100
85) sec-Butylbenzene	11.94	105	932113	51.636	ug/l	100
86) p-Isopropyltoluene	12.06	119	869948	52.308	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	445319	48.928	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	444220	48.350	ug/l	100
89) n-Butylbenzene	12.39	91	779283	52.683	ug/l	100
90) Hexachloroethane	12.59	117	153541	48.833	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	434036	47.966	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63421	51.156	ug/l	100

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93) 1,2,4-Trichlorobenzene	13.64	180	316590	50.403	ug/l	100
94) Hexachlorobutadiene	13.78	225	156588	48.582	ug/l	100
95) Naphthalene	13.83	128	932228	54.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	320010	51.063	ug/l	100

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

