

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062972.D
 Acq On : 17 Aug 2020 15:02
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:12:50 AM

Quant Time: Aug 17 15:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	334609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	253743	64.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.90%	
35) Dibromofluoromethane	7.55	113	225005	93.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.72%	
50) Toluene-d8	10.06	98	867821	92.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.24%	
62) 4-Bromofluorobenzene	12.38	95	320317	92.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	291248	82.812	ug/l	99
3) Chloromethane	2.03	50	271842	81.183	ug/l	99
4) Vinyl Chloride	2.16	62	343862	103.860	ug/l	100
5) Bromomethane	2.50	94	233640	106.399	ug/l	98
6) Chloroethane	2.65	64	232895	107.260	ug/l	98
7) Trichlorofluoromethane	2.97	101	453477	80.426	ug/l	97
8) Diethyl Ether	3.37	74	164412	102.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	237045	94.176	ug/l	96
10) Methyl Iodide	3.91	142	341854	121.536	ug/l	99
11) Tert butyl alcohol	4.74	59	207024	326.774	ug/l	99
12) 1,1-Dichloroethene	3.69	96	225743	94.530	ug/l	94
13) Acrolein	3.56	56	156725	398.610	ug/l	98
14) Allyl chloride	4.27	41	316775	73.643	ug/l	99
15) Acrylonitrile	4.93	53	613211	399.025	ug/l	100
16) Acetone	3.77	43	615867	430.310	ug/l	95
17) Carbon Disulfide	4.00	76	635826	90.400	ug/l	99
18) Methyl Acetate	4.28	43	254338	65.981	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	715076	76.058	ug/l	100
20) Methylene Chloride	4.50	84	235423	77.186	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	205557	81.905	ug/l	97
22) Diisopropyl ether	5.90	45	714438	78.410	ug/l	97
23) Vinyl Acetate	5.84	43	2466177	357.896	ug/l	100
24) 1,1-Dichloroethane	5.80	63	396788	73.873	ug/l	100
25) 2-Butanone	6.79	43	733202	363.568	ug/l	98
26) 2,2-Dichloropropane	6.77	77	320126	66.134	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	252074	84.151	ug/l	98
28) Bromochloromethane	7.15	49	202523	77.974	ug/l	98
29) Tetrahydrofuran	7.17	42	491902	374.591	ug/l	98
30) Chloroform	7.33	83	408413	72.152	ug/l	99
31) Cyclohexane	7.61	56	392620	80.176	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	342469	68.598	ug/l	99
36) 1,1-Dichloropropene	7.75	75	291036	86.764	ug/l	99
37) Ethyl Acetate	6.88	43	271086	78.748	ug/l	99
38) Carbon Tetrachloride	7.73	117	304687	77.014	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	406158	98.344	ug/l	98
40) Benzene	8.00	78	928840	91.182	ug/l	99
41) Methacrylonitrile	7.14	41	156479m	103.201	ug/l	
42) 1,2-Dichloroethane	8.09	62	297906	71.603	ug/l	100
43) Isopropyl Acetate	8.13	43	451858	78.834	ug/l	99
44) Trichloroethene	8.80	130	246111	97.534	ug/l	95
45) 1,2-Dichloropropane	9.09	63	240780	88.038	ug/l	99
46) Dibromomethane	9.18	93	156489	87.238	ug/l	99
47) Bromodichloromethane	9.37	83	327705	82.666	ug/l	98
48) Methyl methacrylate	9.17	41	215822	76.800	ug/l	98
49) 1,4-Dioxane	9.17	88	92859	1761.361	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1448505	391.256	ug/l	99
52) Toluene	10.12	92	590407	93.701	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	368050	84.748	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	393626	88.833	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	243866	90.375	ug/l	99
56) Ethyl methacrylate	10.40	69	375880	95.061	ug/l	98
57) 1,3-Dichloropropane	10.68	76	393629	87.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	443228	405.026	ug/l	99
59) 2-Hexanone	10.72	43	1074730	391.206	ug/l	98
60) Dibromochloromethane	10.87	129	285476	93.459	ug/l	100
61) 1,2-Dibromoethane	10.98	107	252403	94.929	ug/l	99
64) Tetrachloroethene	10.60	164	221581	101.235	ug/l	99
65) Chlorobenzene	11.41	112	668858	96.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	260564	93.890	ug/l	99
67) Ethyl Benzene	11.48	91	1167253	94.981	ug/l	99
68) m/p-Xylenes	11.60	106	907533	201.439	ug/l	99
69) o-Xylene	11.92	106	435118	103.290	ug/l	100
70) Styrene	11.94	104	779622	105.354	ug/l	99
71) Bromoform	12.10	173	235013	102.508	ug/l #	98
73) Isopropylbenzene	12.22	105	1186538	88.969	ug/l	100
74) N-amyl acetate	12.05	43	411786	79.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	367625	78.379	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	341029m	72.820	ug/l	
77) Bromobenzene	12.50	156	328855	96.715	ug/l	99
78) n-propylbenzene	12.57	91	1364808	87.478	ug/l	100
79) 2-Chlorotoluene	12.65	91	806741	82.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1038596	89.932	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	129539	85.124	ug/l	97
82) 4-Chlorotoluene	12.75	91	854693	84.990	ug/l	100
83) tert-Butylbenzene	12.97	119	901715	91.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1027462	92.937	ug/l	100
85) sec-Butylbenzene	13.15	105	1189224	92.359	ug/l	100
86) p-Isopropyltoluene	13.27	119	1108491	96.874	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	582735	96.717	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	584151	96.347	ug/l	100
89) n-Butylbenzene	13.59	91	906365	94.305	ug/l	99
90) Hexachloroethane	13.85	117	204176	83.403	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	557002	98.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	68831	71.108	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	320306	119.363	ug/l	99
94) Hexachlorobutadiene	14.98	225	204186	101.475	ug/l	99
95) Naphthalene	15.10	128	762828	110.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	316527	121.862	ug/l	98

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

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