

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060562.D
 Acq On : 17 Mar 2020 17:42
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 7:00:34 PM

Quant Time: Mar 18 08:49:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	221225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	373470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	330556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.83	85	1938	0.936	ug/l	98
3) Chloromethane	2.03	50	4098	1.126	ug/l	98
4) Vinyl Chloride	2.16	62	3059	0.996	ug/l #	88
6) Chloroethane	2.69	64	1649	0.974	ug/l	96
7) Trichlorofluoromethane	3.00	101	3706	0.950	ug/l	94
8) Diethyl Ether	3.39	74	1419	0.954	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2111	0.954	ug/l #	81
12) 1,1-Dichloroethene	3.72	96	2488	1.051	ug/l	87
14) Allyl chloride	4.30	41	4131	1.045	ug/l #	87
15) Acrylonitrile	4.96	53	5720m	5.000	ug/l	
16) Acetone	3.79	43	5282	5.584	ug/l	100
17) Carbon Disulfide	4.03	76	7243	1.056	ug/l	99
18) Methyl Acetate	4.30	43	2877	0.928	ug/l #	72
19) Methyl tert-butyl Ether	5.00	73	8306	1.062	ug/l	98
20) Methylene Chloride	4.52	84	2503	0.976	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	2500	0.933	ug/l	94
22) Diisopropyl ether	5.92	45	8202	1.006	ug/l #	82
23) Vinyl Acetate	5.86	43	32321	4.983	ug/l	100
24) 1,1-Dichloroethane	5.82	63	4526	0.988	ug/l #	85
25) 2-Butanone	6.81	43	7771	5.088	ug/l	95
26) 2,2-Dichloropropane	6.80	77	3834	0.944	ug/l	91
27) cis-1,2-Dichloroethene	6.80	96	2865	0.969	ug/l	96
28) Bromochloromethane	7.17	49	2152	1.100	ug/l #	97
29) Tetrahydrofuran	7.18	42	5814	5.457	ug/l	96
30) Chloroform	7.35	83	4492	0.992	ug/l	91
32) 1,1,1-Trichloroethane	7.55	97	3685	0.920	ug/l #	52
36) 1,1-Dichloropropene	7.77	75	3343	0.923	ug/l	95
37) Ethyl Acetate	6.90	43	4226m	1.224	ug/l	
38) Carbon Tetrachloride	7.76	117	2794	0.807	ug/l	94
39) Methylcyclohexane	9.06	83	4040	0.947	ug/l	92
40) Benzene	8.02	78	10662	1.013	ug/l	99
41) Methacrylonitrile	7.15	41	1380m	0.879	ug/l	
42) 1,2-Dichloroethane	8.10	62	3519	0.937	ug/l	86
43) Isopropyl Acetate	8.14	43	5976	0.995	ug/l	98

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44) Trichloroethene	8.82	130	2559	0.883	ug/l	92
45) 1,2-Dichloropropane	9.10	63	2693	0.980	ug/l	97
46) Dibromomethane	9.19	93	1539	0.870	ug/l	93
47) Bromodichloromethane	9.39	83	3217	0.895	ug/l #	97
48) Methyl methacrylate	9.18	41	2669	0.975	ug/l #	83
49) 1,4-Dioxane	9.18	88	506	13.338	ug/l #	65
51) 4-Methyl-2-Pentanone	9.97	43	16305	4.777	ug/l	98
52) Toluene	10.14	92	6100	0.928	ug/l	94
53) t-1,3-Dichloropropene	10.37	75	3697	0.840	ug/l	91
54) cis-1,3-Dichloropropene	9.82	75	4271	0.934	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	2481	0.943	ug/l	92
56) Ethyl methacrylate	10.42	69	3091	0.810	ug/l	91
57) 1,3-Dichloropropane	10.70	76	3887	0.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	8516	4.288	ug/l	98
59) 2-Hexanone	10.74	43	10812	4.319	ug/l	95
60) Dibromochloromethane	10.89	129	2211	0.827	ug/l	96
61) 1,2-Dibromoethane	10.99	107	2164	0.842	ug/l	98
64) Tetrachloroethene	10.62	164	2564	0.877	ug/l	96
65) Chlorobenzene	11.43	112	6452	0.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	2190	0.889	ug/l #	61
67) Ethyl Benzene	11.50	91	11401	0.930	ug/l	92
68) m/p-Xylenes	11.62	106	8657	1.872	ug/l	99
69) o-Xylene	11.94	106	3887	0.882	ug/l	91
70) Styrene	11.96	104	6187	0.855	ug/l	96
71) Bromoform	12.12	173	1256	0.703	ug/l #	98
73) Isopropylbenzene	12.25	105	10613	1.008	ug/l	98
74) N-amyl acetate	12.06	43	4869	1.046	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	3190	1.098	ug/l #	98
76) 1,2,3-Trichloropropane	12.55	75	3008m	0.977	ug/l	
77) Bromobenzene	12.52	156	2582	1.003	ug/l	99
78) n-propylbenzene	12.59	91	12570	1.016	ug/l	98
79) 2-Chlorotoluene	12.67	91	7778	1.067	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	8981	1.012	ug/l	98
82) 4-Chlorotoluene	12.77	91	7496	0.978	ug/l	98
83) tert-Butylbenzene	12.99	119	7287	0.955	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	8625	0.965	ug/l	96
85) sec-Butylbenzene	13.17	105	9829	0.960	ug/l	97
86) p-Isopropyltoluene	13.29	119	8954	0.947	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	4542	0.944	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	4629m	0.964	ug/l	
89) n-Butylbenzene	13.61	91	7849	0.905	ug/l	97
90) Hexachloroethane	13.87	117	1058	0.774	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	4132	0.918	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	951	1.464	ug/l	55
93) 1,2,4-Trichlorobenzene	14.91	180	2360	0.745	ug/l	97
94) Hexachlorobutadiene	15.01	225	1310	0.871	ug/l	98
95) Naphthalene	15.13	128	7347	0.803	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2653	0.890	ug/l	90

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

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