

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060066.D
 Acq On : 12 Feb 2020 11:19
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 10:36:56 AM

Quant Time: Feb 12 13:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 12:49:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125386	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	2107	1.003	ug/l	97
3) Chloromethane	2.04	50	2775	1.090	ug/l	96
4) Vinyl Chloride	2.17	62	3050	1.056	ug/l	100
6) Chloroethane	2.69	64	1608	1.107	ug/l	99
7) Trichlorofluoromethane	3.00	101	4007	1.079	ug/l	99
8) Diethyl Ether	3.38	74	1197	0.987	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2240	1.085	ug/l #	83
12) 1,1-Dichloroethene	3.71	96	2038	1.032	ug/l	84
14) Allyl chloride	4.29	41	3158	1.073	ug/l #	58
15) Acrylonitrile	4.95	53	4037	4.522	ug/l	97
16) Acetone	3.79	43	5526m	5.874	ug/l	
17) Carbon Disulfide	4.03	76	6880	1.144	ug/l #	93
18) Methyl Acetate	4.29	43	1967	0.963	ug/l #	70
19) Methyl tert-butyl Ether	5.00	73	7183	1.080	ug/l	99
20) Methylene Chloride	4.52	84	2430	1.087	ug/l	90
21) trans-1,2-Dichloroethene	5.00	96	2194m	1.134	ug/l	
22) Diisopropyl ether	5.92	45	6679	1.063	ug/l	92
23) Vinyl Acetate	5.86	43	26226	5.033	ug/l	99
24) 1,1-Dichloroethane	5.82	63	4130	1.064	ug/l #	82
25) 2-Butanone	6.80	43	6087	4.498	ug/l	94
26) 2,2-Dichloropropane	6.79	77	3966	1.072	ug/l	82
27) cis-1,2-Dichloroethene	6.79	96	2766m	1.233	ug/l	
28) Bromochloromethane	7.16	49	1446m	1.066	ug/l	
29) Tetrahydrofuran	7.18	42	4063	4.857	ug/l #	87
30) Chloroform	7.34	83	4342	1.067	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	3919	1.057	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	3303	1.090	ug/l	94
37) Ethyl Acetate	6.90	43	2264	0.851	ug/l #	77
38) Carbon Tetrachloride	7.74	117	3542	1.077	ug/l	96
39) Methylcyclohexane	9.07	83	4080	1.087	ug/l	98
40) Benzene	8.02	78	10016	1.106	ug/l	97
41) Methacrylonitrile	7.15	41	1060	0.607	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	3263	1.040	ug/l #	75
43) Isopropyl Acetate	8.15	43	4463	0.977	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	2722	1.083	ug/l	99
45) 1,2-Dichloropropane	9.10	63	2253	1.014	ug/l	93
46) Dibromomethane	9.19	93	1572	1.007	ug/l	98
47) Bromodichloromethane	9.38	83	3296	1.040	ug/l #	91
48) Methyl methacrylate	9.19	41	2152	1.063	ug/l	88
49) 1,4-Dioxane	9.18	88	564	16.600	ug/l #	74
51) 4-Methyl-2-Pentanone	9.97	43	12622	4.807	ug/l	97
52) Toluene	10.14	92	6109	1.069	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	3457	0.986	ug/l #	85
54) cis-1,3-Dichloropropene	9.82	75	3818	1.019	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	2392	1.065	ug/l #	89
56) Ethyl methacrylate	10.42	69	2846	0.953	ug/l	96
57) 1,3-Dichloropropane	10.70	76	4016	1.082	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.68	63	6034	4.284	ug/l	100
59) 2-Hexanone	10.74	43	9292	4.639	ug/l	92
60) Dibromochloromethane	10.89	129	2568	1.022	ug/l	98
61) 1,2-Dibromoethane	11.00	107	2344	1.015	ug/l	97
64) Tetrachloroethene	10.62	164	2632	1.151	ug/l	94
65) Chlorobenzene	11.43	112	6504	1.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	2290	1.025	ug/l #	62
67) Ethyl Benzene	11.50	91	11780	1.097	ug/l	100
68) m/p-Xylenes	11.62	106	8532	2.136	ug/l	95
69) o-Xylene	11.94	106	4040	1.052	ug/l	93
70) Styrene	11.96	104	5868	0.985	ug/l	96
71) Bromoform	12.12	173	1688	0.984	ug/l #	90
73) Isopropylbenzene	12.25	105	11175	1.165	ug/l	95
74) N-amyl acetate	12.07	43	3396	1.038	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.50	83	2886	1.063	ug/l #	90
76) 1,2,3-Trichloropropane	12.55	75	2322m	0.681	ug/l	
77) Bromobenzene	12.53	156	2579	1.093	ug/l	93
78) n-propylbenzene	12.59	91	12721	1.169	ug/l	94
79) 2-Chlorotoluene	12.67	91	7549	1.176	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	8893	1.124	ug/l	98
82) 4-Chlorotoluene	12.77	91	7436	1.144	ug/l	98
83) tert-Butylbenzene	12.99	119	8567	1.204	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	8261	1.068	ug/l	88
85) sec-Butylbenzene	13.17	105	10753	1.155	ug/l	98
86) p-Isopropyltoluene	13.29	119	9333	1.119	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	4491	1.089	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	4669m	1.142	ug/l	
89) n-Butylbenzene	13.61	91	7913	1.096	ug/l	97
90) Hexachloroethane	13.87	117	1701	1.097	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	4625	1.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	854	1.315	ug/l #	56
93) 1,2,4-Trichlorobenzene	14.91	180	2230	0.980	ug/l	98
94) Hexachlorobutadiene	15.01	225	1668	1.162	ug/l	88
95) Naphthalene	15.13	128	5306	0.883	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2373	1.030	ug/l	98

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

