

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050010.D
 Acq On : 23 Jul 2018 17:33
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/26/2018 1:50:37 PM

Quant Time: Jul 24 05:58:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 05:50:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	488123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	829417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	678630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256202	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	1.85	85	6522	1.14	ug/l	99
3) Chloromethane	2.06	50	8633	1.25	ug/l	98
4) Vinyl Chloride	2.18	62	8795	1.20	ug/l #	88
5) Bromomethane	2.56	94	6340	1.36	ug/l	98
6) Chloroethane	2.70	64	5865	1.25	ug/l	98
7) Trichlorofluoromethane	3.01	101	12198	1.23	ug/l	94
8) Diethyl Ether	3.41	74	3614	1.05	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.75	101	7751	1.27	ug/l	97
12) 1,1-Dichloroethene	3.73	96	6383	1.19	ug/l	90
14) Allyl chloride	4.33	41	9073	1.08	ug/l	98
15) Acrylonitrile	5.00	53	10721m	5.08	ug/l	
16) Acetone	3.82	43	11431	6.54	ug/l	97
17) Carbon Disulfide	4.05	76	19634	1.22	ug/l	97
18) Methyl Acetate	4.34	43	15861	2.37	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	13840m	0.94	ug/l	
20) Methylene Chloride	4.55	84	9388	1.41	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	6441m	1.14	ug/l	
22) Diisopropyl ether	5.96	45	14526	0.85	ug/l #	72
23) Vinyl Acetate	5.90	43	51738	4.32	ug/l	98
24) 1,1-Dichloroethane	5.85	63	12386	1.12	ug/l	99
25) 2-Butanone	6.84	43	12152	4.86	ug/l	92
26) 2,2-Dichloropropane	6.83	77	9864	1.15	ug/l	77
27) cis-1,2-Dichloroethene	6.83	96	6084	0.98	ug/l	91
28) Bromochloromethane	7.19	49	5330	1.08	ug/l #	87
29) Tetrahydrofuran	7.22	42	7936	5.05	ug/l	89
30) Chloroform	7.38	83	13090	1.16	ug/l	94
31) Cyclohexane	7.66	56	17861	1.73	ug/l #	34
32) 1,1,1-Trichloroethane	7.57	97	11028	1.13	ug/l #	51
36) 1,1-Dichloropropene	7.80	75	8870	0.96	ug/l #	84
37) Ethyl Acetate	6.94	43	6066m	0.96	ug/l	
38) Carbon Tetrachloride	7.78	117	10465	1.05	ug/l	97
39) Methylcyclohexane	9.08	83	8409	0.88	ug/l	89
40) Benzene	8.05	78	26532	0.94	ug/l	99
41) Methacrylonitrile	7.17	41	2505	0.80	ug/l #	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.13	62	9991	1.07	ug/l	84
43) Isopropyl Acetate	8.19	43	29963	2.68	ug/l #	61
44) Trichloroethene	8.84	130	8132	1.10	ug/l	79
45) 1,2-Dichloropropane	9.12	63	7341	0.96	ug/l	92
46) Dibromomethane	9.21	93	4609	0.98	ug/l	99
47) Bromodichloromethane	9.41	83	10269	1.05	ug/l	99
48) Methyl methacrylate	9.20	41	4336	0.77	ug/l #	89
49) 1,4-Dioxane	9.20	88	1138	14.56	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	25031	4.03	ug/l	93
52) Toluene	10.16	92	13237	0.79	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	7261	0.75	ug/l #	75
54) cis-1,3-Dichloropropene	9.84	75	8635	0.81	ug/l	96
55) 1,1,2-Trichloroethane	10.57	97	6333	0.91	ug/l	97
56) Ethyl methacrylate	10.43	69	5240	0.65	ug/l	92
57) 1,3-Dichloropropane	10.71	76	9540	0.87	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.70	63	12083	3.29	ug/l	100
59) 2-Hexanone	10.76	43	14336	3.44	ug/l	90
60) Dibromochloromethane	10.90	129	6246	0.82	ug/l	86
61) 1,2-Dibromoethane	11.01	107	6083	0.94	ug/l	98
64) Tetrachloroethene	10.63	164	7037	1.13	ug/l	98
65) Chlorobenzene	11.44	112	17793	1.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7092	1.07	ug/l #	66
67) Ethyl Benzene	11.51	91	23125	0.83	ug/l	97
68) m/p-Xylenes	11.62	106	15808	1.51	ug/l	97
69) o-Xylene	11.95	106	7648	0.76	ug/l	93
70) Styrene	11.97	104	10705	0.66	ug/l	97
71) Bromoform	12.13	173	4613	0.98	ug/l #	98
73) Isopropylbenzene	12.25	105	18983	0.97	ug/l	99
74) N-amyl acetate	12.08	43	5818	0.98	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.51	83	8034	1.37	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	5492m	1.15	ug/l	
77) Bromobenzene	12.53	156	6452	1.19	ug/l	89
78) n-propylbenzene	12.59	91	19190	0.86	ug/l	99
79) 2-Chlorotoluene	12.68	91	13144	0.96	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	12701	0.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	1237	0.80	ug/l #	63
82) 4-Chlorotoluene	12.78	91	12272	0.90	ug/l	100
83) tert-Butylbenzene	13.00	119	12249	0.89	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11810	0.74	ug/l	96
85) sec-Butylbenzene	13.17	105	15446	0.85	ug/l	99
86) p-Isopropyltoluene	13.29	119	11561	0.75	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	9379	1.00	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	9393m	1.00	ug/l	
89) n-Butylbenzene	13.62	91	9773	0.77	ug/l	95
90) Hexachloroethane	13.88	117	4270	1.23	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	10352	1.12	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1269	1.39	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	2699	0.64	ug/l	98
94) Hexachlorobutadiene	15.01	225	3236	1.07	ug/l	91
95) Naphthalene	15.14	128	6229	0.67	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2902	0.66	ug/l	93

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

