

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050786.D
 Acq On : 21 Aug 2018 13:43
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:19:06 AM

Quant Time: Aug 22 05:35:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	591488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267946	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	6442	0.81	ug/l	96
3) Chloromethane	2.06	50	11201	1.15	ug/l	96
4) Vinyl Chloride	2.19	62	9611	1.04	ug/l	95
5) Bromomethane	2.57	94	8804	1.48	ug/l	99
6) Chloroethane	2.70	64	5635	1.05	ug/l	95
7) Trichlorofluoromethane	3.02	101	11971	1.01	ug/l	99
8) Diethyl Ether	3.41	74	3946	0.98	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.76	101	7975	1.08	ug/l	96
12) 1,1-Dichloroethene	3.74	96	6535	0.98	ug/l	95
14) Allyl chloride	4.33	41	10049	0.97	ug/l	97
15) Acrylonitrile	5.00	53	10436	4.53	ug/l #	90
16) Acetone	3.83	43	11914	6.07	ug/l	99
17) Carbon Disulfide	4.05	76	28246	1.27	ug/l	100
18) Methyl Acetate	4.34	43	8654m	1.28	ug/l	
19) Methyl tert-butyl Ether	5.05	73	15342	0.92	ug/l	91
20) Methylene Chloride	4.55	84	9442	1.18	ug/l #	91
21) trans-1,2-Dichloroethene	5.05	96	7826m	1.09	ug/l	
22) Diisopropyl ether	5.95	45	17950	0.87	ug/l #	79
23) Vinyl Acetate	5.90	43	55517	4.18	ug/l	98
24) 1,1-Dichloroethane	5.85	63	14000	1.06	ug/l	98
25) 2-Butanone	6.84	43	16559	5.77	ug/l	98
26) 2,2-Dichloropropane	6.82	77	11370	1.07	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	7495	0.97	ug/l	89
28) Bromochloromethane	7.20	49	5216	0.93	ug/l #	92
29) Tetrahydrofuran	7.22	42	7320	4.45	ug/l #	80
30) Chloroform	7.37	83	13340	1.02	ug/l	98
31) Cyclohexane	7.66	56	19786	1.50	ug/l #	23
32) 1,1,1-Trichloroethane	7.56	97	11698	1.04	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	10454	0.98	ug/l	96
37) Ethyl Acetate	6.94	43	5786m	0.99	ug/l	
38) Carbon Tetrachloride	7.77	117	10675	0.99	ug/l	97
39) Methylcyclohexane	9.08	83	10789	0.94	ug/l	95
40) Benzene	8.04	78	31082	0.97	ug/l	92
41) Methacrylonitrile	7.19	41	3093m	1.00	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.12	62	8855	0.92	ug/l	95
43) Isopropyl Acetate	8.17	43	9091	0.86	ug/l	97
44) Trichloroethene	8.84	130	8215	0.97	ug/l	92
45) 1,2-Dichloropropane	9.12	63	8416	1.00	ug/l	93
46) Dibromomethane	9.21	93	4903	0.99	ug/l	91
47) Bromodichloromethane	9.41	83	9327	0.90	ug/l #	80
48) Methyl methacrylate	9.20	41	4625	0.86	ug/l #	64
49) 1,4-Dioxane	9.21	88	1132	15.50	ug/l #	60
51) 4-Methyl-2-Pentanone	9.99	43	29304	4.67	ug/l	95
52) Toluene	10.16	92	15941	0.84	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	9008	0.87	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	9988	0.84	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	6991	0.99	ug/l	88
56) Ethyl methacrylate	10.43	69	5539	0.69	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	10596	0.91	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	10418	3.05	ug/l	97
59) 2-Hexanone	10.75	43	19401	4.64	ug/l	87
60) Dibromochloromethane	10.90	129	6982	0.88	ug/l	97
61) 1,2-Dibromoethane	11.01	107	5787	0.85	ug/l	96
64) Tetrachloroethene	10.63	164	7957	1.10	ug/l	87
65) Chlorobenzene	11.43	112	20284	1.02	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.51	131	7347	1.01	ug/l #	65
67) Ethyl Benzene	11.51	91	28786	0.89	ug/l	98
68) m/p-Xylenes	11.62	106	19713	1.61	ug/l	99
69) o-Xylene	11.95	106	9645	0.82	ug/l	97
70) Styrene	11.97	104	12776	0.69	ug/l	95
71) Bromoform	12.13	173	4471	0.89	ug/l #	95
73) Isopropylbenzene	12.25	105	23247	1.05	ug/l	98
74) N-amyl acetate	12.07	43	5536	0.99	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.50	83	7963	1.33	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	5310m	1.17	ug/l	
77) Bromobenzene	12.53	156	7180	1.19	ug/l	95
78) n-propylbenzene	12.59	91	23939	0.97	ug/l	99
79) 2-Chlorotoluene	12.67	91	16602	1.08	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	16468	0.92	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	1356	0.98	ug/l	86
82) 4-Chlorotoluene	12.77	91	14918	0.98	ug/l	99
83) tert-Butylbenzene	12.99	119	15173	0.98	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	15652	0.87	ug/l	96
85) sec-Butylbenzene	13.17	105	18163	0.89	ug/l	100
86) p-Isopropyltoluene	13.29	119	14013	0.81	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	10673	1.04	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	11282m	1.12	ug/l	
89) n-Butylbenzene	13.62	91	11159	0.81	ug/l	93
90) Hexachloroethane	13.87	117	4696	1.31	ug/l	82
91) 1,2-Dichlorobenzene	13.65	146	10866	1.10	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	920	1.15	ug/l	81
93) 1,2,4-Trichlorobenzene	14.91	180	3732	0.87	ug/l	97
94) Hexachlorobutadiene	15.01	225	4150	1.29	ug/l	97
95) Naphthalene	15.13	128	6902	0.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	3804	0.91	ug/l	95

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

