

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051271.D
 Acq On : 17 Sep 2018 13:13
 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
 9/19/2018 4:57:52 PM

Quant Time: Sep 18 05:46:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	496074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	751738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	608665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	181189	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	5217	1.07	ug/l	100
3) Chloromethane	2.06	50	8891	1.30	ug/l	96
4) Vinyl Chloride	2.18	62	7692	1.16	ug/l	95
5) Bromomethane	2.57	94	7713	1.74	ug/l	98
6) Chloroethane	2.70	64	4555	1.12	ug/l	98
7) Trichlorofluoromethane	3.01	101	10262	1.17	ug/l	89
8) Diethyl Ether	3.41	74	3052	0.96	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.76	101	6554	1.16	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	5522	1.04	ug/l	92
14) Allyl chloride	4.33	41	7891	0.98	ug/l	99
15) Acrylonitrile	5.00	53	7273	3.94	ug/l #	83
16) Acetone	3.82	43	8346	5.48	ug/l	88
17) Carbon Disulfide	4.06	76	26707	1.53	ug/l	95
18) Methyl Acetate	4.33	43	7824	1.78	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	11503	0.83	ug/l	98
20) Methylene Chloride	4.55	84	7254	1.19	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	6780m	1.18	ug/l	
22) Diisopropyl ether	5.96	45	12846	0.81	ug/l #	86
23) Vinyl Acetate	5.90	43	41551	3.87	ug/l	99
24) 1,1-Dichloroethane	5.85	63	10204	1.00	ug/l #	93
25) 2-Butanone	6.84	43	9147	4.31	ug/l	90
26) 2,2-Dichloropropane	6.82	77	8391	1.01	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	6381	1.01	ug/l	98
28) Bromochloromethane	7.20	49	4593	1.03	ug/l #	95
29) Tetrahydrofuran	7.22	42	5300	3.99	ug/l #	76
30) Chloroform	7.37	83	10799	1.07	ug/l	91
31) Cyclohexane	7.66	56	15588	1.52	ug/l #	30
32) 1,1,1-Trichloroethane	7.57	97	9013	1.04	ug/l #	49
36) 1,1-Dichloropropene	7.80	75	8611	1.03	ug/l	92
37) Ethyl Acetate	6.94	43	4535m	0.96	ug/l	
38) Carbon Tetrachloride	7.78	117	8958	1.08	ug/l	91
39) Methylcyclohexane	9.08	83	8489	0.93	ug/l	91
40) Benzene	8.05	78	23601	0.94	ug/l	99
41) Methacrylonitrile	7.18	41	2155m	0.87	ug/l	

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

42) 1,2-Dichloroethane	8.13	62	7343	1.01	ug/l	95
43) Isopropyl Acetate	8.16	43	6319	0.76	ug/l	95
44) Trichloroethene	8.84	130	7597	1.11	ug/l	94
45) 1,2-Dichloropropane	9.12	63	5601	0.87	ug/l #	79
46) Dibromomethane	9.21	93	4017	1.02	ug/l #	61
47) Bromodichloromethane	9.40	83	7612	0.94	ug/l #	97
48) Methyl methacrylate	9.21	41	3116	0.77	ug/l	92
49) 1,4-Dioxane	9.21	88	976	15.40	ug/l #	88
51) 4-Methyl-2-Pentanone	9.99	43	15124	3.29	ug/l	100
52) Toluene	10.16	92	12764	0.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	6323	0.79	ug/l	94
54) cis-1,3-Dichloropropene	9.84	75	8056	0.86	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	4836	0.88	ug/l	98
56) Ethyl methacrylate	10.44	69	3837	0.59	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	7643	0.84	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.70	63	7677	2.83	ug/l	99
59) 2-Hexanone	10.75	43	10632	3.42	ug/l	93
60) Dibromochloromethane	10.90	129	5442	0.87	ug/l	91
61) 1,2-Dibromoethane	11.01	107	4054	0.75	ug/l	86
64) Tetrachloroethene	10.63	164	6994	1.24	ug/l	92
65) Chlorobenzene	11.44	112	15729	1.02	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	5930	1.06	ug/l #	65
67) Ethyl Benzene	11.51	91	21633	0.86	ug/l	99
68) m/p-Xylenes	11.62	106	16389	1.70	ug/l	93
69) o-Xylene	11.95	106	7497	0.80	ug/l	100
70) Styrene	11.97	104	9992	0.69	ug/l	96
71) Bromoform	12.13	173	3447	0.88	ug/l #	96
73) Isopropylbenzene	12.25	105	18201	1.19	ug/l	96
74) N-amyl acetate	12.08	43	3926	1.05	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.50	83	5670	1.41	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	3616m	1.12	ug/l	
77) Bromobenzene	12.53	156	5828	1.42	ug/l	97
78) n-propylbenzene	12.59	91	18600	1.11	ug/l	97
79) 2-Chlorotoluene	12.67	91	13519	1.29	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	13386	1.08	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.31	75	799	0.85	ug/l #	80
82) 4-Chlorotoluene	12.77	91	11574	1.11	ug/l	96
83) tert-Butylbenzene	12.99	119	12294	1.13	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11689	0.96	ug/l	99
85) sec-Butylbenzene	13.17	105	14819	1.06	ug/l	95
86) p-Isopropyltoluene	13.29	119	10467	0.88	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	8528	1.23	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	9018m	1.32	ug/l	
89) n-Butylbenzene	13.62	91	6474	0.71	ug/l	96
90) Hexachloroethane	13.88	117	3561	1.46	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	8680	1.28	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	626	1.07	ug/l	68
93) 1,2,4-Trichlorobenzene	14.91	180	4504	1.58	ug/l	98
94) Hexachlorobutadiene	15.01	225	4816	2.01	ug/l	93
95) Naphthalene	15.13	128	9146	1.53	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	4844	1.63	ug/l	98

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

