

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121818\
 Data File : VN052951.D
 Acq On : 18 Dec 2018 9:56
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:06:14 PM

Quant Time: Dec 18 12:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 12:10:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1179197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1782624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1565009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	686215	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	12866	1.060	ug/l	95
3) Chloromethane	2.06	50	15159	1.041	ug/l	98
4) Vinyl Chloride	2.19	62	15416	1.058	ug/l	95
5) Bromomethane	2.58	94	12789	1.423	ug/l	96
6) Chloroethane	2.71	64	9317	1.081	ug/l	98
7) Trichlorofluoromethane	3.03	101	18298	1.013	ug/l	99
8) Diethyl Ether	3.41	74	7331	1.112	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	12290	1.097	ug/l	95
12) 1,1-Dichloroethene	3.74	96	12071	1.113	ug/l	93
14) Allyl chloride	4.32	41	17172	0.970	ug/l	95
15) Acrylonitrile	4.98	53	22729m	5.783	ug/l	
16) Acetone	3.82	43	14451	5.132	ug/l	98
17) Carbon Disulfide	4.06	76	44566	1.338	ug/l	98
18) Methyl Acetate	4.33	43	14295	1.383	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	30625	1.041	ug/l	95
20) Methylene Chloride	4.55	84	14259	1.125	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	13303	1.133	ug/l	97
22) Diisopropyl ether	5.95	45	37997	1.006	ug/l #	88
23) Vinyl Acetate	5.90	43	113721	5.059	ug/l	98
24) 1,1-Dichloroethane	5.86	63	23258	1.068	ug/l	97
25) 2-Butanone	6.84	43	19733	4.516	ug/l	97
26) 2,2-Dichloropropane	6.82	77	17511	1.092	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	14719	1.104	ug/l	95
28) Bromochloromethane	7.19	49	10166	1.039	ug/l #	96
29) Tetrahydrofuran	7.21	42	15348	5.145	ug/l #	88
30) Chloroform	7.37	83	22953	1.080	ug/l	99
31) Cyclohexane	7.66	56	39314	1.619	ug/l #	22
32) 1,1,1-Trichloroethane	7.57	97	18988	1.068	ug/l #	51
36) 1,1-Dichloropropene	7.79	75	18495	1.127	ug/l	98
37) Ethyl Acetate	6.93	43	8787	0.891	ug/l #	91
38) Carbon Tetrachloride	7.77	117	14432	0.955	ug/l	97
39) Methylcyclohexane	9.08	83	21472	1.066	ug/l	99
40) Benzene	8.04	78	53218	1.080	ug/l	97
41) Methacrylonitrile	7.17	41	5975m	1.094	ug/l	

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

42) 1,2-Dichloroethane	8.12	62	15697	1.058	ug/l	98
43) Isopropyl Acetate	8.17	43	31205	1.543	ug/l #	83
44) Trichloroethene	8.83	130	15378	1.156	ug/l	97
45) 1,2-Dichloropropane	9.12	63	13559	1.051	ug/l	99
46) Dibromomethane	9.21	93	8016	1.071	ug/l	91
47) Bromodichloromethane	9.40	83	16107	1.038	ug/l #	84
48) Methyl methacrylate	9.20	41	9758	1.101	ug/l	96
49) 1,4-Dioxane	9.20	88	2651	26.340	ug/l #	93
51) 4-Methyl-2-Pentanone	9.98	43	44981	4.852	ug/l	98
52) Toluene	10.16	92	32254	1.081	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	16996	1.088	ug/l	90
54) cis-1,3-Dichloropropene	9.84	75	18709	1.005	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	10817	1.015	ug/l	97
56) Ethyl methacrylate	10.43	69	14225	1.041	ug/l	94
57) 1,3-Dichloropropane	10.71	76	19037	1.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	34153	4.477	ug/l	100
59) 2-Hexanone	10.75	43	31287	4.924	ug/l	97
60) Dibromochloromethane	10.90	129	12287	1.067	ug/l	97
61) 1,2-Dibromoethane	11.00	107	11174	1.061	ug/l	97
64) Tetrachloroethene	10.63	164	17696	1.316	ug/l	98
65) Chlorobenzene	11.43	112	37500	1.155	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	12041	1.066	ug/l #	63
67) Ethyl Benzene	11.51	91	62681	1.124	ug/l	99
68) m/p-Xylenes	11.62	106	47193	2.254	ug/l	96
69) o-Xylene	11.95	106	21791	1.066	ug/l	94
70) Styrene	11.96	104	34762	1.058	ug/l	98
71) Bromoform	12.13	173	8224	1.072	ug/l #	93
73) Isopropylbenzene	12.25	105	57487	1.122	ug/l	97
74) N-amyl acetate	12.07	43	15831	1.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	12281	1.070	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	11928m	1.178	ug/l	
77) Bromobenzene	12.53	156	15780	1.211	ug/l	94
78) n-propylbenzene	12.59	91	64987	1.112	ug/l	100
79) 2-Chlorotoluene	12.67	91	38909	1.126	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	45567	1.102	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.30	75	3093	0.981	ug/l	86
82) 4-Chlorotoluene	12.77	91	40943	1.159	ug/l	98
83) tert-Butylbenzene	12.99	119	42872	1.175	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	45509	1.087	ug/l	96
85) sec-Butylbenzene	13.17	105	55139	1.116	ug/l	99
86) p-Isopropyltoluene	13.29	119	45076	1.053	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	26931	1.163	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	29619m	1.292	ug/l	
89) n-Butylbenzene	13.62	91	41444	1.150	ug/l	98
90) Hexachloroethane	13.88	117	5851	0.816	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	26419	1.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	2120	1.225	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	20900	1.726	ug/l	100
94) Hexachlorobutadiene	15.01	225	12454	1.777	ug/l	97
95) Naphthalene	15.13	128	53039	2.115	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	21320	1.919	ug/l	97

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

