

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054117.D
 Acq On : 6 Mar 2019 13:37
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 11:38:32 AM

Quant Time: Mar 07 06:32:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 05:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	620863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	302370	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	7092	1.189	ug/l	88
3) Chloromethane	2.05	50	11161	1.305	ug/l	95
4) Vinyl Chloride	2.18	62	9285	1.149	ug/l	94
5) Bromomethane	2.57	94	8000	1.526	ug/l	98
6) Chloroethane	2.70	64	5984	1.221	ug/l	90
7) Trichlorofluoromethane	3.01	101	11215	1.135	ug/l	99
8) Diethyl Ether	3.41	74	4288	1.090	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.76	101	8038	1.251	ug/l	98
12) 1,1-Dichloroethene	3.74	96	6878	1.147	ug/l	98
14) Allyl chloride	4.32	41	11248	1.041	ug/l	92
15) Acrylonitrile	5.00	53	13423	5.242	ug/l #	85
16) Acetone	3.82	43	13418	5.816	ug/l	96
17) Carbon Disulfide	4.05	76	26010	1.330	ug/l	100
18) Methyl Acetate	4.34	43	7763	1.320	ug/l #	78
19) Methyl tert-butyl Ether	5.05	73	17268	1.026	ug/l	98
20) Methylene Chloride	4.55	84	8649	1.180	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	7738	1.176	ug/l	84
22) Diisopropyl ether	5.95	45	20397	0.969	ug/l #	85
23) Vinyl Acetate	5.90	43	68591	4.588	ug/l	99
24) 1,1-Dichloroethane	5.85	63	14069	1.117	ug/l	97
25) 2-Butanone	6.85	43	15459	5.059	ug/l	94
26) 2,2-Dichloropropane	6.82	77	9710	1.070	ug/l	81
27) cis-1,2-Dichloroethene	6.83	96	7961	1.085	ug/l	99
28) Bromochloromethane	7.19	49	6859	1.091	ug/l #	89
29) Tetrahydrofuran	7.22	42	10294	5.140	ug/l	97
30) Chloroform	7.37	83	13231	1.097	ug/l	90
31) Cyclohexane	7.66	56	23130	1.692	ug/l #	45
32) 1,1,1-Trichloroethane	7.57	97	10925	1.092	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	11471	1.176	ug/l	96
37) Ethyl Acetate	6.94	43	8102m	1.159	ug/l	
38) Carbon Tetrachloride	7.77	117	10451	1.122	ug/l	100
39) Methylcyclohexane	9.08	83	11614	1.032	ug/l	97
40) Benzene	8.04	78	28359	0.983	ug/l	97
41) Methacrylonitrile	7.18	41	3029m	0.713	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.13	62	9353	1.023	ug/l	99
43) Isopropyl Acetate	8.17	43	7632	0.702	ug/l	95
44) Trichloroethene	8.84	130	8420	1.088	ug/l	98
45) 1,2-Dichloropropane	9.12	63	8444	1.061	ug/l	93
46) Dibromomethane	9.21	93	4493	0.989	ug/l	93
47) Bromodichloromethane	9.40	83	9480	0.997	ug/l #	97
48) Methyl methacrylate	9.20	41	4363	0.813	ug/l #	79
49) 1,4-Dioxane	9.19	88	1382m	19.486	ug/l	
51) 4-Methyl-2-Pentanone	9.99	43	27511	4.418	ug/l	97
52) Toluene	10.15	92	16365	0.957	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	8711	0.929	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	10394	0.937	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	6585	1.023	ug/l	98
56) Ethyl methacrylate	10.43	69	6164	0.816	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	10777	0.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	14480	4.186	ug/l	96
59) 2-Hexanone	10.76	43	18253	4.443	ug/l	95
60) Dibromochloromethane	10.90	129	6410	0.931	ug/l	96
61) 1,2-Dibromoethane	11.01	107	6045	0.987	ug/l	99
64) Tetrachloroethene	10.63	164	7506	1.054	ug/l	97
65) Chlorobenzene	11.44	112	19790	1.096	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	6543	1.012	ug/l #	64
67) Ethyl Benzene	11.51	91	30357	1.004	ug/l	99
68) m/p-Xylenes	11.62	106	22459	1.969	ug/l	100
69) o-Xylene	11.95	106	10301	0.939	ug/l	96
70) Styrene	11.97	104	16247	0.933	ug/l	99
71) Bromoform	12.13	173	4134	0.929	ug/l #	95
73) Isopropylbenzene	12.25	105	28281	1.175	ug/l	97
74) N-amyl acetate	12.07	43	5818	0.913	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	7956	1.271	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	5416m	1.146	ug/l	
77) Bromobenzene	12.52	156	8125	1.311	ug/l	95
78) n-propylbenzene	12.59	91	29967	1.107	ug/l	100
79) 2-Chlorotoluene	12.67	91	19064	1.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	21159	1.082	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.30	75	1443	0.962	ug/l #	79
82) 4-Chlorotoluene	12.77	91	19369	1.182	ug/l	97
83) tert-Butylbenzene	12.99	119	19115	1.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	19645	1.012	ug/l	99
85) sec-Butylbenzene	13.17	105	26407	1.123	ug/l	98
86) p-Isopropyltoluene	13.29	119	21345	1.080	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	12691	1.205	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	13425m	1.285	ug/l	
89) n-Butylbenzene	13.62	91	18352	1.100	ug/l	98
90) Hexachloroethane	13.88	117	4505	1.189	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	13518	1.290	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	963	1.097	ug/l	89
93) 1,2,4-Trichlorobenzene	14.91	180	5817	1.163	ug/l	90
94) Hexachlorobutadiene	15.01	225	5497	1.465	ug/l	92
95) Naphthalene	15.13	128	12291	1.191	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	6590	1.309	ug/l	96

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

