

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051071.D
 Acq On : 10 Sep 2018 11:01
 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
 9/11/2018 9:40:37 AM

Quant Time: Sep 11 02:18:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 01:47:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273749	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	7519	1.26	ug/l	97
3) Chloromethane	2.06	50	11087	1.30	ug/l	98
4) Vinyl Chloride	2.18	62	9309	1.14	ug/l	98
5) Bromomethane	2.57	94	8843	1.61	ug/l	91
6) Chloroethane	2.70	64	6111	1.21	ug/l	93
7) Trichlorofluoromethane	3.01	101	12230	1.13	ug/l	98
8) Diethyl Ether	3.41	74	3841	0.96	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	8245	1.18	ug/l	99
12) 1,1-Dichloroethene	3.74	96	7465	1.13	ug/l	95
14) Allyl chloride	4.33	41	10030	1.00	ug/l	99
15) Acrylonitrile	5.00	53	11119	4.77	ug/l #	87
16) Acetone	3.82	43	11267	5.88	ug/l	94
17) Carbon Disulfide	4.06	76	32447	1.49	ug/l	97
18) Methyl Acetate	4.34	43	6773	1.23	ug/l	91
19) Methyl tert-butyl Ether	5.05	73	16781m	1.06	ug/l	
20) Methylene Chloride	4.55	84	9207	1.21	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	8606	1.20	ug/l #	83
22) Diisopropyl ether	5.96	45	18153	0.91	ug/l	92
23) Vinyl Acetate	5.90	43	58470	4.32	ug/l	97
24) 1,1-Dichloroethane	5.85	63	13151	1.04	ug/l	93
25) 2-Butanone	6.85	43	13210	4.87	ug/l	100
26) 2,2-Dichloropropane	6.83	77	11518	1.11	ug/l #	71
27) cis-1,2-Dichloroethene	6.83	96	8296	1.06	ug/l	97
28) Bromochloromethane	7.20	49	6126	1.09	ug/l #	98
29) Tetrahydrofuran	7.22	42	7928	4.68	ug/l	97
30) Chloroform	7.38	83	13219	1.05	ug/l	99
31) Cyclohexane	7.66	56	19697	1.54	ug/l #	21
32) 1,1,1-Trichloroethane	7.57	97	11047	1.03	ug/l #	50
36) 1,1-Dichloropropene	7.80	75	10845	1.06	ug/l #	88
37) Ethyl Acetate	6.93	43	5219	0.88	ug/l #	71
38) Carbon Tetrachloride	7.77	117	10387	1.03	ug/l	93
39) Methylcyclohexane	9.08	83	10826	0.96	ug/l	98
40) Benzene	8.04	78	30697	1.00	ug/l	98
41) Methacrylonitrile	7.18	41	2975	0.97	ug/l #	79

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

42) 1,2-Dichloroethane	8.13	62	9071	1.01	ug/l	96
43) Isopropyl Acetate	8.17	43	9023	0.86	ug/l #	61
44) Trichloroethene	8.84	130	9324	1.11	ug/l	91
45) 1,2-Dichloropropane	9.12	63	7738	0.97	ug/l	98
46) Dibromomethane	9.21	93	5303	1.09	ug/l	94
47) Bromodichloromethane	9.41	83	9548	0.97	ug/l	89
48) Methyl methacrylate	9.21	41	4538	0.89	ug/l	89
49) 1,4-Dioxane	9.20	88	1385	17.34	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	24353	4.21	ug/l	95
52) Toluene	10.16	92	17197	0.92	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	8576	0.87	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	10476	0.90	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	6626	0.97	ug/l	99
56) Ethyl methacrylate	10.43	69	6061	0.74	ug/l	98
57) 1,3-Dichloropropane	10.71	76	10728	0.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	11772	3.53	ug/l	97
59) 2-Hexanone	10.75	43	17148	4.38	ug/l	88
60) Dibromochloromethane	10.90	129	6975	0.91	ug/l	99
61) 1,2-Dibromoethane	11.00	107	5968	0.89	ug/l	99
64) Tetrachloroethene	10.63	164	8395	1.15	ug/l	98
65) Chlorobenzene	11.43	112	21315	1.06	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	7262	1.00	ug/l #	64
67) Ethyl Benzene	11.51	91	30414	0.93	ug/l	100
68) m/p-Xylenes	11.62	106	21638	1.73	ug/l	96
69) o-Xylene	11.95	106	10819	0.89	ug/l	99
70) Styrene	11.97	104	14143	0.75	ug/l	96
71) Bromoform	12.13	173	4404	0.86	ug/l #	94
73) Isopropylbenzene	12.25	105	24945	1.09	ug/l	97
74) N-amyl acetate	12.07	43	6222	1.08	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	8175	1.34	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	6573m	1.44	ug/l	
77) Bromobenzene	12.53	156	7613	1.23	ug/l	86
78) n-propylbenzene	12.59	91	26342	1.04	ug/l	98
79) 2-Chlorotoluene	12.68	91	18633	1.18	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	19488	1.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	1297	0.90	ug/l #	66
82) 4-Chlorotoluene	12.77	91	18038	1.15	ug/l	97
83) tert-Butylbenzene	12.99	119	17638	1.08	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	16811	0.92	ug/l	93
85) sec-Butylbenzene	13.17	105	21585	1.03	ug/l	100
86) p-Isopropyltoluene	13.29	119	16120	0.90	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	13035	1.25	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	13671m	1.33	ug/l	
89) n-Butylbenzene	13.61	91	13161	0.95	ug/l	91
90) Hexachloroethane	13.87	117	4994	1.37	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	12945	1.27	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1414	1.59	ug/l	60
93) 1,2,4-Trichlorobenzene	14.91	180	5102	1.16	ug/l	86
94) Hexachlorobutadiene	15.01	225	5907	1.64	ug/l	96
95) Naphthalene	15.13	128	12900	1.39	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	6340	1.39	ug/l	94

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

