

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058399.D
 Acq On : 27 Sep 2019 11:11
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 10:18:24 AM

Quant Time: Sep 27 23:24:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	461970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	770650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	664390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281267	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	1.83	85	5031	1.236	ug/l	88
3) Chloromethane	2.04	50	6638	1.675	ug/l	96
4) Vinyl Chloride	2.17	62	5818	1.436	ug/l	96
6) Chloroethane	2.69	64	3493	1.331	ug/l #	65
7) Trichlorofluoromethane	3.00	101	7081	1.281	ug/l	97
8) Diethyl Ether	3.39	74	2765	1.114	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4651m	1.185	ug/l	
12) 1,1-Dichloroethene	3.72	96	4411	1.280	ug/l	88
14) Allyl chloride	4.30	41	8125	1.248	ug/l	98
15) Acrylonitrile	4.97	53	10437	5.030	ug/l	93
16) Acetone	3.79	43	12046	5.382	ug/l	95
17) Carbon Disulfide	4.03	76	11259	1.809	ug/l	96
18) Methyl Acetate	4.31	43	7292	1.260	ug/l #	66
19) Methyl tert-butyl Ether	5.01	73	15618	1.082	ug/l	100
20) Methylene Chloride	4.54	84	6355	1.418	ug/l #	83
21) trans-1,2-Dichloroethene	5.02	96	4975	1.331	ug/l #	83
22) Diisopropyl ether	5.93	45	17836	1.124	ug/l	92
23) Vinyl Acetate	5.88	43	58502	5.241	ug/l	98
24) 1,1-Dichloroethane	5.82	63	9884	1.148	ug/l #	94
25) 2-Butanone	6.83	43	15597	5.157	ug/l #	83
26) 2,2-Dichloropropane	6.81	77	7923	1.087	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	5923	1.209	ug/l	81
28) Bromochloromethane	7.18	49	3903	0.998	ug/l #	87
29) Tetrahydrofuran	7.20	42	10193m	5.415	ug/l	
30) Chloroform	7.36	83	10455	1.142	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	7705	1.091	ug/l #	51
36) 1,1-Dichloropropene	7.78	75	7569	1.271	ug/l	95
37) Ethyl Acetate	6.91	43	5416	0.917	ug/l #	94
38) Carbon Tetrachloride	7.76	117	6112	1.045	ug/l	95
39) Methylcyclohexane	9.07	83	8973	1.395	ug/l	94
40) Benzene	8.03	78	22208	1.243	ug/l	95
41) Methacrylonitrile	7.16	41	2756	0.988	ug/l #	86
42) 1,2-Dichloroethane	8.11	62	8882	1.208	ug/l	94
43) Isopropyl Acetate	8.16	43	14239	1.298	ug/l #	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	5475	1.250	ug/l	90
45) 1,2-Dichloropropane	9.11	63	5986	1.152	ug/l	99
46) Dibromomethane	9.20	93	3725	1.169	ug/l	88
47) Bromodichloromethane	9.39	83	6345	0.967	ug/l #	97
48) Methyl methacrylate	9.19	41	5603	1.127	ug/l	93
49) 1,4-Dioxane	9.19	88	1227	15.550	ug/l #	86
51) 4-Methyl-2-Pentanone	9.98	43	29268	5.080	ug/l	99
52) Toluene	10.15	92	15011	1.351	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	6407	0.940	ug/l #	88
54) cis-1,3-Dichloropropene	9.83	75	6960	0.923	ug/l #	83
55) 1,1,2-Trichloroethane	10.56	97	4821	1.011	ug/l #	90
56) Ethyl methacrylate	10.43	69	6581	0.950	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	8402	1.017	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	12341	3.893	ug/l	97
59) 2-Hexanone	10.75	43	19884	4.658	ug/l	97
60) Dibromochloromethane	10.90	129	3655	0.797	ug/l	96
61) 1,2-Dibromoethane	11.00	107	4761	1.056	ug/l	98
64) Tetrachloroethene	10.62	164	4460	1.297	ug/l	95
65) Chlorobenzene	11.44	112	13864	1.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	4163	0.968	ug/l #	64
67) Ethyl Benzene	11.51	91	25168	1.210	ug/l	97
68) m/p-Xylenes	11.63	106	18620	2.373	ug/l	94
69) o-Xylene	11.95	106	8755	1.141	ug/l	92
70) Styrene	11.97	104	12947	0.990	ug/l	98
71) Bromoform	12.13	173	2122	0.784	ug/l #	98
73) Isopropylbenzene	12.25	105	21668	1.190	ug/l	99
74) N-amyl acetate	12.08	43	7510	0.998	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	6597	1.111	ug/l #	90
76) 1,2,3-Trichloropropane	12.55	75	5102m	0.999	ug/l	
77) Bromobenzene	12.53	156	5274	1.162	ug/l	94
78) n-propylbenzene	12.60	91	23646	1.142	ug/l	100
79) 2-Chlorotoluene	12.68	91	15467	1.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	17290	1.127	ug/l	98
82) 4-Chlorotoluene	12.78	91	15130	1.125	ug/l	98
83) tert-Butylbenzene	13.00	119	14511	1.071	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	17729	1.161	ug/l	98
85) sec-Butylbenzene	13.18	105	19740	1.114	ug/l	98
86) p-Isopropyltoluene	13.30	119	16001	1.018	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	9753	1.185	ug/l	95
88) 1,4-Dichlorobenzene	13.37	146	9223m	1.101	ug/l	
89) n-Butylbenzene	13.63	91	14894	1.013	ug/l	97
90) Hexachloroethane	13.88	117	2060	0.847	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	8398	1.026	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	895	0.839	ug/l #	56
93) 1,2,4-Trichlorobenzene	14.92	180	3722	0.723	ug/l	97
94) Hexachlorobutadiene	15.01	225	2664	1.068	ug/l	89
95) Naphthalene	15.14	128	9071	0.681	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	3263	0.675	ug/l	91

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

