

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057550.D
 Acq On : 29 Aug 2019 14:55
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:38:39 AM

Quant Time: Aug 30 08:56:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	655911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	7965	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	
35) Dibromofluoromethane	7.58	113	6538	1.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.30%	
50) Toluene-d8	10.08	98	20447	0.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.96%	
62) 4-Bromofluorobenzene	12.40	95	6639	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	4699	0.994	ug/l	81
3) Chloromethane	2.05	50	5449	1.155	ug/l	97
4) Vinyl Chloride	2.18	62	7367	1.058	ug/l	90
6) Chloroethane	2.70	64	5425	1.162	ug/l	90
7) Trichlorofluoromethane	3.01	101	15051	1.041	ug/l	94
8) Diethyl Ether	3.40	74	5326m	1.109	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.74	101	8503	1.004	ug/l #	74
12) 1,1-Dichloroethene	3.72	96	8054	1.011	ug/l #	65
14) Allyl chloride	4.30	41	5399	0.926	ug/l #	67
15) Acrylonitrile	4.97	53	8338m	4.934	ug/l	
16) Acetone	3.81	43	14266	5.127	ug/l	91
17) Carbon Disulfide	4.02	76	12016	1.103	ug/l #	93
18) Methyl Acetate	4.31	43	6948	1.429	ug/l #	90
19) Methyl tert-butyl Ether	5.03	73	15413	1.015	ug/l #	83
20) Methylene Chloride	4.53	84	6095	1.182	ug/l #	62
21) trans-1,2-Dichloroethene	5.01	96	4976m	0.998	ug/l	
22) Diisopropyl ether	5.94	45	13069m	0.998	ug/l	
23) Vinyl Acetate	5.88	43	46091	4.511	ug/l #	85
24) 1,1-Dichloroethane	5.83	63	8484	0.985	ug/l #	92
25) 2-Butanone	6.84	43	10847	4.938	ug/l #	89
26) 2,2-Dichloropropane	6.81	77	8796	1.001	ug/l	93
27) cis-1,2-Dichloroethene	6.81	96	5975	0.990	ug/l	83
28) Bromochloromethane	7.18	49	3022m	0.835	ug/l	
29) Tetrahydrofuran	7.21	42	7120	5.183	ug/l #	80
30) Chloroform	7.36	83	11570	1.083	ug/l	84
32) 1,1,1-Trichloroethane	7.56	97	8964m	0.944	ug/l	
36) 1,1-Dichloropropene	7.78	75	6706	0.945	ug/l	99
37) Ethyl Acetate	6.93	43	5428m	1.373	ug/l	
38) Carbon Tetrachloride	7.75	117	8216m	0.990	ug/l	
39) Methylcyclohexane	9.07	83	8398	0.930	ug/l #	85
40) Benzene	8.03	78	21312	0.981	ug/l	97
41) Methacrylonitrile	7.19	41	3194m	0.943	ug/l	
42) 1,2-Dichloroethane	8.12	62	7840	1.014	ug/l	99
43) Isopropyl Acetate	8.16	43	9252	1.054	ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	5547	0.924	ug/l	87
45) 1,2-Dichloropropane	9.11	63	5144	1.013	ug/l	92
46) Dibromomethane	9.20	93	3970	0.997	ug/l #	86
47) Bromodichloromethane	9.39	83	7918	0.965	ug/l	97
48) Methyl methacrylate	9.19	41	4499	1.086	ug/l #	86
49) 1,4-Dioxane	9.20	88	1336	17.665	ug/l #	82
51) 4-Methyl-2-Pentanone	9.98	43	21719	4.631	ug/l	91
52) Toluene	10.15	92	12724	0.904	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	7219	0.910	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	7778	0.905	ug/l #	85
55) 1,1,2-Trichloroethane	10.56	97	4902	0.905	ug/l #	92
56) Ethyl methacrylate	10.43	69	6460	0.896	ug/l	99
57) 1,3-Dichloropropane	10.70	76	8268	0.956	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.69	63	6429	3.802	ug/l #	89
59) 2-Hexanone	10.75	43	15320	4.732	ug/l	90
60) Dibromochloromethane	10.90	129	5091	0.824	ug/l	97
61) 1,2-Dibromoethane	11.00	107	5079	0.896	ug/l	93
64) Tetrachloroethene	10.63	164	5746	1.050	ug/l #	82
65) Chlorobenzene	11.43	112	12184	0.911	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.51	131	4886	0.927	ug/l #	55
67) Ethyl Benzene	11.51	91	22320	0.951	ug/l	95
68) m/p-Xylenes	11.62	106	15490	1.732	ug/l	93
69) o-Xylene	11.95	106	8240	0.918	ug/l	90
70) Styrene	11.97	104	10505	0.775	ug/l	95
71) Bromoform	12.13	173	2873	0.816	ug/l #	98
73) Isopropylbenzene	12.25	105	20733	1.240	ug/l	98
74) N-amyl acetate	12.07	43	5011	1.191	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.51	83	4901	1.206	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	4792m	1.271	ug/l	
77) Bromobenzene	12.53	156	4446	1.148	ug/l	86
78) n-propylbenzene	12.59	91	19047	1.147	ug/l	95
79) 2-Chlorotoluene	12.68	91	12359	1.195	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	13806	1.050	ug/l	96
82) 4-Chlorotoluene	12.78	91	10255	1.069	ug/l	85
83) tert-Butylbenzene	12.99	119	15381	1.230	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	11472	0.954	ug/l	96
85) sec-Butylbenzene	13.17	105	15255	1.055	ug/l	99
86) p-Isopropyltoluene	13.29	119	11715	0.943	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	5326	0.947	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	4882m	0.905	ug/l	
89) n-Butylbenzene	13.62	91	8696	0.924	ug/l	88
90) Hexachloroethane	13.88	117	3260	1.247	ug/l	85
91) 1,2-Dichlorobenzene	13.66	146	4534	0.864	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	549m	0.932	ug/l	
93) 1,2,4-Trichlorobenzene	14.91	180	1368m	0.795	ug/l	
94) Hexachlorobutadiene	15.01	225	1704	0.985	ug/l	90
95) Naphthalene	15.13	128	4742	0.913	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.30	180	1756	0.990	ug/l	92

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

