

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057241.D
 Acq On : 13 Aug 2019 11:27
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 12:29:36 PM

Quant Time: Aug 14 05:56:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1139924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1638665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1350189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	334541	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	10455	0.985	ug/l	95
3) Chloromethane	2.05	50	11776	0.842	ug/l	91
4) Vinyl Chloride	2.18	62	10617	0.789	ug/l	98
6) Chloroethane	2.70	64	6735	0.841	ug/l	90
7) Trichlorofluoromethane	3.02	101	18745	1.056	ug/l	98
8) Diethyl Ether	3.40	74	6013	0.884	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	11042	1.039	ug/l #	58
12) 1,1-Dichloroethene	3.73	96	10493	0.987	ug/l	92
14) Allyl chloride	4.32	41	15719	0.871	ug/l #	78
15) Acrylonitrile	4.98	53	21098m	3.633	ug/l	
16) Acetone	3.81	43	20223	3.647	ug/l	98
17) Carbon Disulfide	4.05	76	31159	1.103	ug/l #	91
18) Methyl Acetate	4.32	43	26603	1.752	ug/l #	70
19) Methyl tert-butyl Ether	5.02	73	31670	0.944	ug/l	98
20) Methylene Chloride	4.55	84	14018m	1.118	ug/l	
21) trans-1,2-Dichloroethene	5.04	96	11645	1.038	ug/l #	80
22) Diisopropyl ether	5.94	45	31874	0.901	ug/l #	85
23) Vinyl Acetate	5.89	43	115730	4.051	ug/l	99
24) 1,1-Dichloroethane	5.84	63	20665	0.991	ug/l #	89
25) 2-Butanone	6.83	43	26596	3.303	ug/l	97
26) 2,2-Dichloropropane	6.81	77	15396	1.001	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	12973m	1.004	ug/l	
28) Bromochloromethane	7.18	49	8539	0.887	ug/l #	80
29) Tetrahydrofuran	7.21	42	19187	3.670	ug/l #	85
30) Chloroform	7.36	83	22805	1.085	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	16696	0.994	ug/l #	49
36) 1,1-Dichloropropene	7.79	75	15264	1.009	ug/l	95
37) Ethyl Acetate	6.93	43	12275	0.859	ug/l #	74
38) Carbon Tetrachloride	7.76	117	16986	1.177	ug/l #	93
39) Methylcyclohexane	9.08	83	17389	0.938	ug/l	97
40) Benzene	8.03	78	47427	1.028	ug/l	98
41) Methacrylonitrile	7.17	41	4637	0.746	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	14245	0.973	ug/l	95
43) Isopropyl Acetate	8.16	43	16636	0.730	ug/l #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	13849	1.092	ug/l	92
45) 1,2-Dichloropropane	9.11	63	11392	0.938	ug/l	98
46) Dibromomethane	9.20	93	8146	1.069	ug/l	97
47) Bromodichloromethane	9.40	83	14024	0.962	ug/l #	97
48) Methyl methacrylate	9.20	41	7950	0.726	ug/l #	87
49) 1,4-Dioxane	9.19	88	4421	19.356	ug/l #	92
51) 4-Methyl-2-Pentanone	9.98	43	55796	3.832	ug/l	98
52) Toluene	10.15	92	26838	0.973	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	14476	0.950	ug/l	90
54) cis-1,3-Dichloropropene	9.84	75	16250	0.923	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	11249	0.981	ug/l	88
56) Ethyl methacrylate	10.43	69	13796	0.846	ug/l	97
57) 1,3-Dichloropropane	10.70	76	18250	0.975	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	14132	1.954	ug/l	95
59) 2-Hexanone	10.75	43	36088	3.471	ug/l	100
60) Dibromochloromethane	10.90	129	11372	0.994	ug/l	97
61) 1,2-Dibromoethane	11.00	107	10817	0.946	ug/l	97
64) Tetrachloroethene	10.63	164	14873	1.271	ug/l	97
65) Chlorobenzene	11.43	112	30269	1.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	12039	1.173	ug/l #	66
67) Ethyl Benzene	11.51	91	49205	1.016	ug/l	100
68) m/p-Xylenes	11.62	106	34978	1.933	ug/l	99
69) o-Xylene	11.95	106	17045	0.959	ug/l	100
70) Styrene	11.96	104	21183	0.739	ug/l	95
71) Bromoform	12.12	173	7799	1.000	ug/l #	99
73) Isopropylbenzene	12.25	105	42683	1.553	ug/l	96
74) N-amyl acetate	12.07	43	11692	1.196	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	12844	1.421	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	7593m	1.054	ug/l	
77) Bromobenzene	12.53	156	12626	1.754	ug/l	95
78) n-propylbenzene	12.59	91	40034	1.327	ug/l	95
79) 2-Chlorotoluene	12.67	91	27970	1.490	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	32075	1.382	ug/l	99
82) 4-Chlorotoluene	12.77	91	22563	1.277	ug/l	95
83) tert-Butylbenzene	12.99	119	33823	1.658	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	28743	1.278	ug/l	94
85) sec-Butylbenzene	13.17	105	37724	1.465	ug/l	98
86) p-Isopropyltoluene	13.29	119	30131	1.299	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	13206	1.136	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	14127m	1.257	ug/l	
89) n-Butylbenzene	13.62	91	18042	0.989	ug/l	96
90) Hexachloroethane	13.88	117	6717	1.744	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	14165	1.200	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1367	0.980	ug/l	81
93) 1,2,4-Trichlorobenzene	14.91	180	5577	1.093	ug/l	82
94) Hexachlorobutadiene	15.01	225	8425	1.922	ug/l	94
95) Naphthalene	15.13	128	10418	0.795	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	7692	1.479	ug/l	93

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

