

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\
 Data File : VN055477.D
 Acq On : 8 May 2019 16:07
 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
 5/9/2019 6:32:36 PM

Quant Time: May 09 04:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 03:36:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	732484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1232369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1026242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295658	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	8161	0.950	ug/l	99
3) Chloromethane	2.06	50	13064	1.167	ug/l	96
4) Vinyl Chloride	2.19	62	12101	1.297	ug/l	92
6) Chloroethane	2.70	64	7202	1.405	ug/l	99
7) Trichlorofluoromethane	3.01	101	13197	1.037	ug/l	99
8) Diethyl Ether	3.41	74	5747	1.242	ug/l	52
9) 1,1,2-Trichlorotrifluoroet	3.74	101	8595	1.126	ug/l	97
12) 1,1-Dichloroethene	3.73	96	8201	1.114	ug/l	94
14) Allyl chloride	4.32	41	17098	1.122	ug/l	97
15) Acrylonitrile	4.99	53	23151	6.778	ug/l	99
16) Acetone	3.82	43	26183	7.840	ug/l	98
17) Carbon Disulfide	4.04	76	23087	1.196	ug/l	97
18) Methyl Acetate	4.34	43	19515	2.114	ug/l #	84
19) Methyl tert-butyl Ether	5.05	73	25747	1.208	ug/l	96
20) Methylene Chloride	4.55	84	12194	1.308	ug/l	87
21) trans-1,2-Dichloroethene	5.04	96	8866	1.134	ug/l	92
22) Diisopropyl ether	5.95	45	30363	0.997	ug/l #	70
23) Vinyl Acetate	5.90	43	111030	5.390	ug/l	99
24) 1,1-Dichloroethane	5.84	63	18656	1.150	ug/l	98
25) 2-Butanone	6.85	43	30218	6.888	ug/l	98
26) 2,2-Dichloropropane	6.82	77	11123m	1.007	ug/l	
27) cis-1,2-Dichloroethene	6.82	96	10157	1.136	ug/l	96
28) Bromochloromethane	7.19	49	9722	1.175	ug/l	97
29) Tetrahydrofuran	7.23	42	21693	7.718	ug/l	97
30) Chloroform	7.37	83	16872	1.101	ug/l	86
32) 1,1,1-Trichloroethane	7.56	97	12803	1.039	ug/l #	53
36) 1,1-Dichloropropene	7.79	75	11919	0.994	ug/l	95
37) Ethyl Acetate	6.94	43	10900	1.103	ug/l	97
38) Carbon Tetrachloride	7.77	117	11813	1.051	ug/l	86
39) Methylcyclohexane	9.08	83	15669	1.213	ug/l	87
40) Benzene	8.05	78	37125	1.048	ug/l	98
41) Methacrylonitrile	7.18	41	6249	1.224	ug/l #	47
42) 1,2-Dichloroethane	8.12	62	14208	1.137	ug/l	89
43) Isopropyl Acetate	8.17	43	18227	1.167	ug/l #	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	9417	1.055	ug/l	98
45) 1,2-Dichloropropane	9.12	63	11152	1.095	ug/l	97
46) Dibromomethane	9.21	93	6274	1.114	ug/l	98
47) Bromodichloromethane	9.40	83	12328	1.040	ug/l	94
48) Methyl methacrylate	9.20	41	8887	1.164	ug/l	94
49) 1,4-Dioxane	9.21	88	3307	34.873	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	60280	6.613	ug/l	98
52) Toluene	10.16	92	20310	0.998	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	10913	1.043	ug/l	90
54) cis-1,3-Dichloropropene	9.84	75	12308	0.951	ug/l	89
55) 1,1,2-Trichloroethane	10.56	97	8453	1.105	ug/l	96
56) Ethyl methacrylate	10.43	69	11731	1.199	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	14939	1.109	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	15295	5.760	ug/l	97
59) 2-Hexanone	10.75	43	40489	6.890	ug/l	100
60) Dibromochloromethane	10.90	129	7508	0.982	ug/l	90
61) 1,2-Dibromoethane	11.00	107	7988	1.119	ug/l	99
64) Tetrachloroethene	10.63	164	9436	1.118	ug/l	96
65) Chlorobenzene	11.43	112	21542	1.060	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.51	131	7139	0.914	ug/l #	60
67) Ethyl Benzene	11.51	91	39093	1.060	ug/l	99
68) m/p-Xylenes	11.62	106	27026	2.049	ug/l	97
69) o-Xylene	11.95	106	13488	1.031	ug/l	97
70) Styrene	11.96	104	19151	0.949	ug/l	95
71) Bromoform	12.12	173	4505	1.010	ug/l #	67
73) Isopropylbenzene	12.25	105	36258	1.221	ug/l	97
74) N-amyl acetate	12.07	43	11672	1.425	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	11938	1.519	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	8289m	1.174	ug/l	
77) Bromobenzene	12.52	156	8260	1.230	ug/l	91
78) n-propylbenzene	12.59	91	36190	1.178	ug/l	100
79) 2-Chlorotoluene	12.67	91	23177	1.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	26648	1.134	ug/l	97
82) 4-Chlorotoluene	12.77	91	20962	1.169	ug/l	99
83) tert-Butylbenzene	12.99	119	23273	1.109	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	22714	1.081	ug/l	94
85) sec-Butylbenzene	13.17	105	31042	1.212	ug/l	100
86) p-Isopropyltoluene	13.29	119	23029	1.095	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	10608	1.061	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	11247m	1.193	ug/l	
89) n-Butylbenzene	13.61	91	17032	1.123	ug/l	95
90) Hexachloroethane	13.87	117	4103	1.049	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	11120	1.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1487	1.713	ug/l	81
93) 1,2,4-Trichlorobenzene	14.91	180	2802	0.885	ug/l	82
94) Hexachlorobutadiene	15.01	225	5022	1.380	ug/l	88
95) Naphthalene	15.14	128	10402	1.415	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	4315	1.300	ug/l #	81

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

