

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055598.D
 Acq On : 17 May 2019 9:29
 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
 5/20/2019 9:09:45 AM

Quant Time: May 17 23:55:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:16:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	322139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	478576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	389146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141559	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	2992	1.101	ug/l	99
3) Chloromethane	2.06	50	3918	1.154	ug/l	97
4) Vinyl Chloride	2.18	62	4104	1.116	ug/l	91
6) Chloroethane	2.71	64	2063	0.878	ug/l	96
7) Trichlorofluoromethane	3.03	101	4954	0.953	ug/l	95
8) Diethyl Ether	3.42	74	1827	0.972	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.77	101	3032	0.961	ug/l	97
12) 1,1-Dichloroethene	3.74	96	3290	1.106	ug/l	96
14) Allyl chloride	4.32	41	4978	1.091	ug/l #	86
15) Acrylonitrile	5.00	53	6780	6.138	ug/l #	91
16) Acetone	3.81	43	7866	7.868	ug/l	100
17) Carbon Disulfide	4.07	76	9125	1.007	ug/l	99
18) Methyl Acetate	4.33	43	3318	1.434	ug/l #	79
19) Methyl tert-butyl Ether	5.04	73	10385	1.320	ug/l	99
20) Methylene Chloride	4.55	84	3783	1.123	ug/l #	93
21) trans-1,2-Dichloroethene	5.04	96	3378	1.082	ug/l	87
22) Diisopropyl ether	5.95	45	9969	1.174	ug/l	92
23) Vinyl Acetate	5.90	43	38742	6.124	ug/l	100
24) 1,1-Dichloroethane	5.86	63	5717m	1.007	ug/l	
25) 2-Butanone	6.84	43	9812	7.482	ug/l	99
26) 2,2-Dichloropropane	6.83	77	5579	1.269	ug/l	77
27) cis-1,2-Dichloroethene	6.83	96	3978	1.133	ug/l	92
28) Bromochloromethane	7.19	49	2304	0.929	ug/l #	98
29) Tetrahydrofuran	7.21	42	7330	8.675	ug/l	92
30) Chloroform	7.37	83	6308	1.106	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	5822	1.185	ug/l #	48
36) 1,1-Dichloropropene	7.79	75	4930	1.127	ug/l	96
37) Ethyl Acetate	6.94	43	3497	1.308	ug/l #	82
38) Carbon Tetrachloride	7.78	117	5540m	1.179	ug/l	
39) Methylcyclohexane	9.08	83	5787	1.154	ug/l	99
40) Benzene	8.05	78	13235	1.030	ug/l	99
41) Methacrylonitrile	7.17	41	1527	1.117	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	4044	1.033	ug/l	92
43) Isopropyl Acetate	8.17	43	6881	1.360	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	3719	1.032	ug/l	92
45) 1,2-Dichloropropane	9.12	63	3443	1.043	ug/l	99
46) Dibromomethane	9.21	93	2187	1.085	ug/l	97
47) Bromodichloromethane	9.40	83	5120	1.211	ug/l #	97
48) Methyl methacrylate	9.20	41	2537	1.165	ug/l #	75
49) 1,4-Dioxane	9.20	88	1132	32.060	ug/l #	71
51) 4-Methyl-2-Pentanone	9.99	43	19837	8.224	ug/l	100
52) Toluene	10.15	92	8534	1.123	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	4646	1.114	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	5246	1.090	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	3714	1.309	ug/l	92
56) Ethyl methacrylate	10.43	69	5631	1.660	ug/l	93
57) 1,3-Dichloropropane	10.71	76	5253	1.118	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	9497	6.359	ug/l	100
59) 2-Hexanone	10.75	43	12927	7.798	ug/l	99
60) Dibromochloromethane	10.90	129	3693	1.123	ug/l	100
61) 1,2-Dibromoethane	11.00	107	3231	1.144	ug/l	97
64) Tetrachloroethene	10.63	164	3241	0.947	ug/l	87
65) Chlorobenzene	11.43	112	8512	1.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	3514	1.175	ug/l #	64
67) Ethyl Benzene	11.51	91	15480	1.169	ug/l	95
68) m/p-Xylenes	11.62	106	11385	2.235	ug/l	100
69) o-Xylene	11.95	106	5717	1.163	ug/l	99
70) Styrene	11.96	104	8565	1.100	ug/l	99
71) Bromoform	12.13	173	2626	1.189	ug/l #	98
73) Isopropylbenzene	12.25	105	15078	1.504	ug/l	99
74) N-amyl acetate	12.07	43	3593	1.403	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	4745	1.895	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	3216m	1.479	ug/l	
77) Bromobenzene	12.53	156	3480	1.298	ug/l	94
78) n-propylbenzene	12.59	91	15704	1.407	ug/l	99
79) 2-Chlorotoluene	12.67	91	9862	1.462	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	12535	1.507	ug/l	99
82) 4-Chlorotoluene	12.77	91	9047	1.348	ug/l	99
83) tert-Butylbenzene	12.99	119	11309	1.521	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11966	1.441	ug/l	100
85) sec-Butylbenzene	13.17	105	13704	1.377	ug/l	100
86) p-Isopropyltoluene	13.29	119	12634	1.453	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5500	1.180	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	4885m	1.042	ug/l	
89) n-Butylbenzene	13.62	91	8366	1.173	ug/l	98
90) Hexachloroethane	13.87	117	2343	1.383	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	5631	1.229	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	648	1.640	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	1926	0.804	ug/l	92
94) Hexachlorobutadiene	15.01	225	2058	1.081	ug/l	93
95) Naphthalene	15.13	128	5336	1.108	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	2387	1.022	ug/l	99

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

