

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067081.D
 Acq On : 14 May 2021 18:08
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 4:26:12 PM

Quant Time: May 17 15:57:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:57:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.597	168	521376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	784691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	644820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	253167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.855	85	4410	0.93	ug/l	93
3) Chloromethane	2.056	50	6669	1.16	ug/l	95
4) Vinyl Chloride	2.182	62	5199	0.90	ug/l	92
6) Chloroethane	2.681	64	3435	1.00	ug/l #	86
7) Trichlorofluoromethane	2.995	101	6360	0.85	ug/l	91
8) Diethyl Ether	3.378	74	2833	0.89	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	3.716	101	4256	0.89	ug/l	94
12) 1,1-Dichloroethene	3.689	96	4905m	1.00	ug/l	
14) Allyl chloride	4.260	41	7292m	0.97	ug/l	
15) Acrylonitrile	4.910	53	9144m	4.38	ug/l	
16) Acetone	3.772	43	8478	4.84	ug/l	96
17) Carbon Disulfide	4.003	76	13175	1.00	ug/l #	90
18) Methyl Acetate	4.277	43	4657m	0.91	ug/l	
19) Methyl tert-butyl Ether	4.963	73	12438	0.84	ug/l	100
20) Methylene Chloride	4.491	84	8652	1.37	ug/l	86
21) trans-1,2-Dichloroethene	4.979	96	5119	0.98	ug/l #	82
22) Diisopropyl ether	5.875	45	12074	0.87	ug/l #	84
23) Vinyl Acetate	5.827	43	46991	3.86	ug/l	99
24) 1,1-Dichloroethane	5.773	63	8378m	0.89	ug/l	
25) 2-Butanone	6.773	43	10470m	3.87	ug/l	
26) 2,2-Dichloropropane	6.739	77	8913	1.03	ug/l	79
27) cis-1,2-Dichloroethene	6.747	96	6235	1.00	ug/l	92
28) Bromochloromethane	7.125	49	3490	0.89	ug/l #	97
29) Tetrahydrofuran	7.149	42	7038	4.15	ug/l	89
30) Chloroform	7.296	83	8733	0.90	ug/l	100
32) 1,1,1-Trichloroethane	7.500	97	8026	0.92	ug/l #	48
36) 1,1-Dichloropropene	7.726	75	6625	0.93	ug/l #	91
37) Ethyl Acetate	6.873	43	6137m	0.99	ug/l	
38) Carbon Tetrachloride	7.709	117	7242	0.95	ug/l	89
39) Methylcyclohexane	9.024	83	7912	0.94	ug/l	97
40) Benzene	7.980	78	19143	0.88	ug/l	94
41) Methacrylonitrile	7.111	41	2168	0.85	ug/l #	81
42) 1,2-Dichloroethane	8.061	62	6079	0.87	ug/l	81
43) Isopropyl Acetate	8.098	43	8408	0.80	ug/l #	85
44) Trichloroethene	8.774	130	5322	0.86	ug/l	82
45) 1,2-Dichloropropane	9.067	63	4872	0.86	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.147	93	3474	0.92	ug/l	90
47) Bromodichloromethane	9.348	83	7233	0.92	ug/l #	97
48) Methyl methacrylate	9.155	41	3002	0.65	ug/l	88
49) 1,4-Dioxane	9.160	88	1301m	17.42	ug/l	
51) 4-Methyl-2-Pentanone	9.936	43	20151	3.49	ug/l	99
52) Toluene	10.099	92	12136	0.86	ug/l	94
53) t-1,3-Dichloropropene	10.335	75	6702	0.80	ug/l	92
54) cis-1,3-Dichloropropene	9.791	75	7999	0.85	ug/l	94
55) 1,1,2-Trichloroethane	10.515	97	4896	0.88	ug/l	92
56) Ethyl methacrylate	10.391	69	5096m	0.68	ug/l	
57) 1,3-Dichloropropane	10.657	76	7051	0.79	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.657	63	3631	3.35	ug/l #	85
60) Dibromochloromethane	10.850	129	5351	0.81	ug/l	93
61) 1,2-Dibromoethane	10.960	107	4991m	0.87	ug/l	
64) Tetrachloroethene	10.579	164	5473	0.97	ug/l	96
65) Chlorobenzene	11.384	112	12671	0.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	5027	0.88	ug/l #	61
67) Ethyl Benzene	11.470	91	20618	0.85	ug/l	99
68) m/p-Xylenes	11.585	106	13676	1.46	ug/l	88
69) o-Xylene	11.909	106	7392	0.78	ug/l	99
70) Styrene	11.944	104	11648m	0.79	ug/l	
71) Bromoform	12.097	173	3182	0.72	ug/l #	45
73) Isopropylbenzene	12.210	105	20385	0.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.470	83	6922m	1.10	ug/l	
76) 1,2,3-Trichloropropane	12.518	75	4389m	0.82	ug/l	
77) Bromobenzene	12.502	156	4604m	0.88	ug/l	
78) n-propylbenzene	12.567	91	18032	0.84	ug/l	94
79) 2-Chlorotoluene	12.642	91	15290m	1.18	ug/l	
80) 1,3,5-Trimethylbenzene	12.698	105	17698	1.00	ug/l	98
82) 4-Chlorotoluene	12.765	91	8154	0.66	ug/l	73
83) tert-Butylbenzene	12.950	119	20814	1.25	ug/l	82
84) 1,2,4-Trimethylbenzene	13.006	105	14240	0.88	ug/l	94
85) sec-Butylbenzene	13.130	105	17690	0.89	ug/l	97
86) p-Isopropyltoluene	13.253	119	15729	0.91	ug/l	98
87) 1,3-Dichlorobenzene	13.245	146	7003	0.82	ug/l	99
88) 1,4-Dichlorobenzene	13.323	146	8376	0.94	ug/l	92
89) n-Butylbenzene	13.623	91	14226m	1.10	ug/l	
90) Hexachloroethane	13.830	117	2805	0.89	ug/l	96
91) 1,2-Dichlorobenzene	13.623	146	9347m	1.06	ug/l	
93) 1,2,4-Trichlorobenzene	14.913	180	4500m	1.00	ug/l	
94) Hexachlorobutadiene	14.964	225	3244	1.05	ug/l	78
95) Naphthalene	15.133	128	8746m	0.96	ug/l	
96) 1,2,3-Trichlorobenzene	15.289	180	4083m	0.99	ug/l	

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

