

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011821\
 Data File : VN065539.D
 Acq On : 18 Jan 2021 12:19
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/19/2021 6:07:15 PM

Quant Time: Jan 18 15:46:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	266993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	391579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	346193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	144663	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	1.849	85	2113	0.89	ug/l	97
3) Chloromethane	2.055	50	2863	1.05	ug/l	98
4) Vinyl Chloride	2.181	62	2852	0.99	ug/l	95
6) Chloroethane	2.689	64	1848	0.99	ug/l	90
7) Trichlorofluoromethane	3.004	101	3771	0.89	ug/l	93
8) Diethyl Ether	3.383	74	1416	0.83	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.727	101	2185	0.90	ug/l	90
12) 1,1-Dichloroethene	3.701	96	2583	1.00	ug/l	88
14) Allyl chloride	4.280	41	2897	0.70	ug/l	94
15) Acrylonitrile	4.949	53	4401	3.80	ug/l #	94
16) Acetone	3.792	43	5806	4.46	ug/l	97
17) Carbon Disulfide	4.010	76	6798	1.05	ug/l	100
18) Methyl Acetate	4.293	43	3031	1.16	ug/l #	89
19) Methyl tert-butyl Ether	5.000	73	5972	0.74	ug/l	95
20) Methylene Chloride	4.505	84	3114	1.07	ug/l	92
21) trans-1,2-Dichloroethene	5.004	96	2367	0.94	ug/l #	77
22) Diisopropyl ether	5.914	45	5970	0.72	ug/l #	85
23) Vinyl Acetate	5.859	43	23238	3.36	ug/l	97
24) 1,1-Dichloroethane	5.808	63	4107	0.89	ug/l #	82
25) 2-Butanone	6.804	43	5482	3.41	ug/l	95
26) 2,2-Dichloropropane	6.779	77	3197	0.74	ug/l	95
27) cis-1,2-Dichloroethene	6.785	96	2519	0.85	ug/l	96
28) Bromochloromethane	7.155	49	1691	0.86	ug/l #	93
29) Tetrahydrofuran	7.180	42	3582	3.40	ug/l #	78
30) Chloroform	7.328	83	4118	0.87	ug/l	89
32) 1,1,1-Trichloroethane	7.524	97	3448	0.81	ug/l #	49
36) 1,1-Dichloropropene	7.756	75	3085	0.88	ug/l	94
37) Ethyl Acetate	6.898	43	2697m	0.80	ug/l	
38) Carbon Tetrachloride	7.730	117	2822	0.77	ug/l	93
39) Methylcyclohexane	9.045	83	3527	0.84	ug/l	94
40) Benzene	8.004	78	9488	0.90	ug/l	92
41) Methacrylonitrile	7.168	41	1605m	0.91	ug/l	
42) 1,2-Dichloroethane	8.087	62	2956	0.78	ug/l	79
43) Isopropyl Acetate	8.132	43	4036	0.70	ug/l #	93
44) Trichloroethene	8.804	130	2967	0.97	ug/l	77
45) 1,2-Dichloropropane	9.084	63	2355	0.86	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.174	93	1595	0.86	ug/l	89
47) Bromodichloromethane	9.367	83	2804	0.73	ug/l #	90
48) Methyl methacrylate	9.171	41	2005	0.71	ug/l #	87
49) 1,4-Dioxane	9.177	88	461	10.20	ug/l #	71
51) 4-Methyl-2-Pentanone	9.955	43	11820	3.59	ug/l	99
52) Toluene	10.126	92	5572	0.84	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	3192	0.73	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	3337	0.72	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	2386	0.91	ug/l	89
56) Ethyl methacrylate	10.402	69	2557	0.64	ug/l	98
57) 1,3-Dichloropropane	10.679	76	3747	0.86	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.663	63	6939	3.91	ug/l	98
59) 2-Hexanone	10.724	43	7805	3.24	ug/l	96
60) Dibromochloromethane	10.872	129	2287	0.73	ug/l	96
61) 1,2-Dibromoethane	10.978	107	2372	0.84	ug/l	100
64) Tetrachloroethene	10.602	164	3601	1.08	ug/l	93
65) Chlorobenzene	11.405	112	6897	0.98	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.479	131	2330	0.86	ug/l #	65
67) Ethyl Benzene	11.483	91	10817	0.86	ug/l	98
68) m/p-Xylenes	11.595	106	8089	1.70	ug/l	96
69) o-Xylene	11.920	106	3979	0.86	ug/l	92
70) Styrene	11.939	104	5771	0.75	ug/l	99
71) Bromoform	12.100	173	1324	0.57	ug/l #	91
73) Isopropylbenzene	12.222	105	9621	0.89	ug/l	100
74) N-amyl acetate	12.045	43	2980	0.72	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.476	83	2849	0.97	ug/l	98
76) 1,2,3-Trichloropropane	12.528	75	2623m	0.89	ug/l	
77) Bromobenzene	12.502	156	2907	1.02	ug/l	88
78) n-propylbenzene	12.566	91	10341	0.85	ug/l	98
79) 2-Chlorotoluene	12.650	91	6998	0.98	ug/l	97
80) 1,3,5-Trimethylbenzene	12.708	105	7542	0.82	ug/l	100
82) 4-Chlorotoluene	12.749	91	6462	0.87	ug/l	97
83) tert-Butylbenzene	12.968	119	6665	0.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	7512	0.84	ug/l	100
85) sec-Butylbenzene	13.145	105	8845	0.85	ug/l	99
86) p-Isopropyltoluene	13.261	119	7693	0.80	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	4416	0.92	ug/l	93
88) 1,4-Dichlorobenzene	13.338	146	5125m	1.07	ug/l	
89) n-Butylbenzene	13.589	91	6172	0.76	ug/l	99
90) Hexachloroethane	13.846	117	1201	0.74	ug/l	78
91) 1,2-Dichlorobenzene	13.627	146	4929	1.07	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.248	75	326	0.55	ug/l	93
93) 1,2,4-Trichlorobenzene	14.888	180	1802	0.77	ug/l	96
94) Hexachlorobutadiene	14.984	225	2021	1.12	ug/l	95
95) Naphthalene	15.106	128	4257	0.70	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.283	180	2092	0.93	ug/l	97

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

