

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066147.D
 Acq On : 9 Mar 2021 9:55
 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
 3/10/2021 1:44:14 PM

Quant Time: Mar 09 14:35:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:34:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	170833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	294738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	260430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	101783	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	1.821	85	1887	0.90	ug/l	97
3) Chloromethane	2.017	50	4439	1.17	ug/l	98
4) Vinyl Chloride	2.145	62	3014	1.01	ug/l	95
6) Chloroethane	2.663	64	1581m	0.92	ug/l	
7) Trichlorofluoromethane	2.969	101	3057	0.91	ug/l	94
8) Diethyl Ether	3.344	74	1406	1.05	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.671	101	1573m	1.03	ug/l	
12) 1,1-Dichloroethene	3.663	96	1885	1.07	ug/l	82
14) Allyl chloride	4.229	41	4820m	0.90	ug/l	
15) Acrylonitrile	4.889	53	7031m	4.47	ug/l	
16) Acetone	3.749	43	10251	6.41	ug/l	89
17) Carbon Disulfide	3.969	76	5696	1.05	ug/l #	92
18) Methyl Acetate	4.243	43	3506	0.86	ug/l #	63
19) Methyl tert-butyl Ether	4.945	73	7903m	1.04	ug/l	
20) Methylene Chloride	4.447	84	2754m	1.17	ug/l	
21) trans-1,2-Dichloroethene	4.945	96	1877m	0.89	ug/l	
22) Diisopropyl ether	5.863	45	10442m	0.97	ug/l	
23) Vinyl Acetate	5.801	43	41122	4.44	ug/l #	92
24) 1,1-Dichloroethane	5.745	63	4481	0.91	ug/l #	82
25) 2-Butanone	6.748	43	11817	4.66	ug/l #	87
26) 2,2-Dichloropropane	6.724	77	4123	1.04	ug/l #	60
27) cis-1,2-Dichloroethene	6.732	96	2375m	0.96	ug/l	
28) Bromochloromethane	7.107	49	2771	0.98	ug/l #	26
29) Tetrahydrofuran	7.126	42	8379	4.82	ug/l #	61
30) Chloroform	7.289	83	4170	0.96	ug/l #	83
32) 1,1,1-Trichloroethane	7.480	97	3410	0.94	ug/l #	50
36) 1,1-Dichloropropene	7.708	75	3309	1.00	ug/l #	69
37) Ethyl Acetate	6.842	43	5324m	1.06	ug/l	
38) Carbon Tetrachloride	7.689	117	2718	0.94	ug/l #	93
39) Methylcyclohexane	9.017	83	3328	0.95	ug/l	90
40) Benzene	7.963	78	9093	0.92	ug/l	97
41) Methacrylonitrile	7.096	41	2620m	1.09	ug/l	
42) 1,2-Dichloroethane	8.043	62	3813	0.96	ug/l	79
43) Isopropyl Acetate	8.091	43	8015	0.97	ug/l #	70
44) Trichloroethene	8.765	130	2293	1.00	ug/l	93
45) 1,2-Dichloropropane	9.054	63	2508	0.84	ug/l #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.140	93	1427	0.89	ug/l	88
47) Bromodichloromethane	9.338	83	3275	0.93	ug/l #	87
48) Methyl methacrylate	9.137	41	3949	0.98	ug/l #	71
49) 1,4-Dioxane	9.140	88	781m	20.25	ug/l	
51) 4-Methyl-2-Pentanone	9.920	43	22375	4.47	ug/l #	85
52) Toluene	10.095	92	5429	0.96	ug/l	92
53) t-1,3-Dichloropropene	10.323	75	3454	0.82	ug/l	100
54) cis-1,3-Dichloropropene	9.778	75	4040	0.91	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	1924	0.86	ug/l #	82
56) Ethyl methacrylate	10.368	69	3141	0.81	ug/l #	60
57) 1,3-Dichloropropane	10.650	76	3645	0.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.633	63	5729	4.25	ug/l #	87
59) 2-Hexanone	10.693	43	14118	3.99	ug/l	83
60) Dibromochloromethane	10.843	129	1921	0.80	ug/l	97
61) 1,2-Dibromoethane	10.945	107	1878	0.81	ug/l	95
64) Tetrachloroethene	10.569	164	2129	0.97	ug/l #	80
65) Chlorobenzene	11.374	112	5200	0.95	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.449	131	1866	0.90	ug/l #	51
67) Ethyl Benzene	11.455	91	9371	0.91	ug/l	94
68) m/p-Xylenes	11.564	106	6648	1.80	ug/l	96
69) o-Xylene	11.892	106	3117	0.87	ug/l	81
70) Styrene	11.908	104	4657	0.79	ug/l	88
71) Bromoform	12.069	173	1217	0.80	ug/l #	100
73) Isopropylbenzene	12.192	105	8104	1.02	ug/l	97
74) N-amyl acetate	12.026	43	2167m	0.53	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.444	83	2991	1.07	ug/l #	95
76) 1,2,3-Trichloropropane	12.498	75	3246m	1.08	ug/l	
77) Bromobenzene	12.471	156	1833	1.00	ug/l #	48
78) n-propylbenzene	12.535	91	9598	1.02	ug/l	90
79) 2-Chlorotoluene	12.618	91	6000	1.05	ug/l	88
80) 1,3,5-Trimethylbenzene	12.678	105	6378	0.94	ug/l	97
82) 4-Chlorotoluene	12.718	91	5938	1.04	ug/l	83
83) tert-Butylbenzene	12.935	119	6182	1.10	ug/l	98
84) 1,2,4-Trimethylbenzene	12.981	105	6097	0.92	ug/l	98
85) sec-Butylbenzene	13.117	105	7129	0.95	ug/l	98
86) p-Isopropyltoluene	13.235	119	6168	0.92	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	3464	1.05	ug/l	94
88) 1,4-Dichlorobenzene	13.305	146	3528m	1.05	ug/l	
89) n-Butylbenzene	13.560	91	5149	0.83	ug/l	93
90) Hexachloroethane	13.817	117	1079m	1.06	ug/l	
91) 1,2-Dichlorobenzene	13.597	146	3409	1.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	908	1.10	ug/l #	43
93) 1,2,4-Trichlorobenzene	14.847	180	1360m	0.71	ug/l	
94) Hexachlorobutadiene	14.952	225	936	0.96	ug/l	94
95) Naphthalene	15.073	128	5379	0.87	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.247	180	1880	0.93	ug/l	89

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

