

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066094.D
 Acq On : 2 Mar 2021 11:45
 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
 3/3/2021 11:00:46 AM

Quant Time: Mar 02 13:18:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 13:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	92045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	152710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.373	117	134385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	54421	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	1071	0.89	ug/l #	70
3) Chloromethane	2.052	50	1704	1.17	ug/l	95
4) Vinyl Chloride	2.181	62	1359	0.94	ug/l	99
6) Chloroethane	2.692	64	518	0.64	ug/l #	43
7) Trichlorofluoromethane	3.001	101	2113	1.12	ug/l #	82
8) Diethyl Ether	3.390	74	526m	0.79	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.740	101	841m	0.87	ug/l	
12) 1,1-Dichloroethene	3.701	96	1029m	1.01	ug/l	
14) Allyl chloride	4.287	41	1262	0.73	ug/l #	79
15) Acrylonitrile	4.936	53	1759	3.66	ug/l #	87
16) Acetone	3.791	43	2665	6.06	ug/l #	87
17) Carbon Disulfide	4.023	76	3039	1.04	ug/l #	74
18) Methyl Acetate	4.296	43	794m	0.76	ug/l	
19) Methyl tert-butyl Ether	5.000	73	3899	1.17	ug/l	97
20) Methylene Chloride	4.521	84	1303	1.11	ug/l	86
21) trans-1,2-Dichloroethene	4.997	96	838	0.78	ug/l #	50
22) Diisopropyl ether	5.914	45	2859m	0.83	ug/l	
23) Vinyl Acetate	5.852	43	11989	4.45	ug/l	95
24) 1,1-Dichloroethane	5.804	63	1712m	0.85	ug/l	
25) 2-Butanone	6.788	43	2771	4.47	ug/l #	77
26) 2,2-Dichloropropane	6.772	77	1933	1.18	ug/l #	55
27) cis-1,2-Dichloroethene	6.785	96	1099m	0.90	ug/l	
28) Bromochloromethane	7.151	49	539	0.59	ug/l #	80
29) Tetrahydrofuran	7.168	42	1742	4.12	ug/l #	80
30) Chloroform	7.332	83	2021	1.01	ug/l	97
32) 1,1,1-Trichloroethane	7.521	97	1886	1.10	ug/l #	41
36) 1,1-Dichloropropene	7.753	75	1321m	0.88	ug/l	
37) Ethyl Acetate	6.878	43	1064	0.80	ug/l #	68
38) Carbon Tetrachloride	7.717	117	1649m	1.14	ug/l	
39) Methylcyclohexane	9.036	83	1516	0.90	ug/l	92
40) Benzene	7.997	78	4247	0.93	ug/l	92
41) Methacrylonitrile	7.119	41	581m	0.94	ug/l	
42) 1,2-Dichloroethane	8.081	62	1537	0.99	ug/l #	74
43) Isopropyl Acetate	8.119	43	2103	0.98	ug/l #	64
44) Trichloroethene	8.794	130	1314	1.14	ug/l	76
45) 1,2-Dichloropropane	9.087	63	1092m	0.94	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.174	93	521	0.72	ug/l #	71
47) Bromodichloromethane	9.360	83	1476	1.00	ug/l #	96
48) Methyl methacrylate	9.161	41	1011	0.94	ug/l #	78
49) 1,4-Dioxane	9.164	88	260m	13.92	ug/l	
51) 4-Methyl-2-Pentanone	9.946	43	5533	4.32	ug/l	97
52) Toluene	10.119	92	2732	0.97	ug/l	97
53) t-1,3-Dichloropropene	10.344	75	1745	1.06	ug/l	94
54) cis-1,3-Dichloropropene	9.801	75	1817	0.99	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	1000	0.95	ug/l #	84
56) Ethyl methacrylate	10.393	69	1231	0.79	ug/l #	94
57) 1,3-Dichloropropane	10.672	76	1528	0.83	ug/l #	84
58) 2-Chloroethyl Vinyl ether	9.656	63	2380	3.25	ug/l	96
59) 2-Hexanone	10.720	43	3175	3.48	ug/l	95
60) Dibromochloromethane	10.865	129	1024	0.94	ug/l	88
61) 1,2-Dibromoethane	10.974	107	860	0.80	ug/l	98
64) Tetrachloroethene	10.598	164	1162	1.10	ug/l	93
65) Chlorobenzene	11.399	112	2746	0.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.473	131	988	1.01	ug/l #	53
67) Ethyl Benzene	11.479	91	4976	0.98	ug/l	98
68) m/p-Xylenes	11.595	106	3945	2.07	ug/l	98
69) o-Xylene	11.913	106	1954	1.07	ug/l	95
70) Styrene	11.936	104	2744	0.91	ug/l	95
71) Bromoform	12.097	173	642	0.97	ug/l #	60
73) Isopropylbenzene	12.219	105	4742	1.06	ug/l	97
74) N-amyl acetate	12.058	43	352	0.24	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.473	83	1142	0.88	ug/l #	84
76) 1,2,3-Trichloropropane	12.521	75	1269m	0.98	ug/l	
77) Bromobenzene	12.495	156	1052	1.03	ug/l	89
78) n-propylbenzene	12.560	91	5034	1.00	ug/l	94
79) 2-Chlorotoluene	12.643	91	3598	1.14	ug/l	95
80) 1,3,5-Trimethylbenzene	12.701	105	4447	1.17	ug/l	92
82) 4-Chlorotoluene	12.743	91	3600	1.13	ug/l	89
83) tert-Butylbenzene	12.962	119	3677	1.17	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	4114	1.08	ug/l	98
85) sec-Butylbenzene	13.142	105	4262	1.05	ug/l	91
86) p-Isopropyltoluene	13.254	119	3863	1.05	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	1693	0.94	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	2158m	1.17	ug/l	
89) n-Butylbenzene	13.582	91	2832	0.92	ug/l	100
90) Hexachloroethane	13.836	117	645	1.05	ug/l #	50
91) 1,2-Dichlorobenzene	13.624	146	1616	0.89	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.241	75	607m	2.57	ug/l	
93) 1,2,4-Trichlorobenzene	14.878	180	837	1.04	ug/l #	84
94) Hexachlorobutadiene	14.974	225	482	1.15	ug/l	92
95) Naphthalene	15.096	128	2959	1.13	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.277	180	1100	1.29	ug/l	76

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

