

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066493.D
 Acq On : 6 Apr 2021 14:42
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:47:32 PM

Quant Time: Apr 06 15:00:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 14:20:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	265231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	410625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	352144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	137926	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	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.816	85	2588	0.86	ug/l	86
3) Chloromethane	2.014	50	4475	1.14	ug/l	92
4) Vinyl Chloride	2.143	62	3837	0.87	ug/l	91
6) Chloroethane	2.647	64	2982	1.03	ug/l	95
7) Trichlorofluoromethane	2.956	101	5162	0.89	ug/l	96
8) Diethyl Ether	3.336	74	1450	0.91	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.674	101	2120	0.86	ug/l #	59
12) 1,1-Dichloroethene	3.658	96	2371	0.96	ug/l #	78
14) Allyl chloride	4.227	41	4118m	0.99	ug/l	
15) Acrylonitrile	4.884	53	6317	3.95	ug/l #	86
16) Acetone	3.741	43	10306m	7.04	ug/l	
17) Carbon Disulfide	3.967	76	8356	1.05	ug/l	97
18) Methyl Acetate	4.243	43	4674m	1.28	ug/l	
19) Methyl tert-butyl Ether	4.929	73	7091	0.82	ug/l #	87
20) Methylene Chloride	4.447	84	3429	1.09	ug/l	95
21) trans-1,2-Dichloroethene	4.938	96	2815	0.99	ug/l	90
22) Diisopropyl ether	5.852	45	6865	0.73	ug/l #	83
23) Vinyl Acetate	5.790	43	30685	3.73	ug/l	99
24) 1,1-Dichloroethane	5.734	63	4734	0.88	ug/l #	87
25) 2-Butanone	6.742	43	9646	4.39	ug/l	98
26) 2,2-Dichloropropane	6.710	77	4203m	0.92	ug/l	
27) cis-1,2-Dichloroethene	6.737	96	2621m	0.80	ug/l	
28) Bromochloromethane	7.096	49	2767m	1.00	ug/l	
29) Tetrahydrofuran	7.118	42	6093	4.13	ug/l #	86
30) Chloroform	7.287	83	4907	0.91	ug/l	97
32) 1,1,1-Trichloroethane	7.485	97	3978	0.85	ug/l #	52
36) 1,1-Dichloropropene	7.705	75	3464	0.87	ug/l	93
37) Ethyl Acetate	6.836	43	4259m	0.86	ug/l	
38) Carbon Tetrachloride	7.687	117	3680	0.91	ug/l	84
39) Methylcyclohexane	9.009	83	3799	0.83	ug/l #	84
40) Benzene	7.960	78	10526	0.84	ug/l	91
41) Methacrylonitrile	7.099	41	2691m	1.13	ug/l	
42) 1,2-Dichloroethane	8.041	62	3701	0.85	ug/l	90
43) Isopropyl Acetate	8.091	43	6259	0.82	ug/l #	89
44) Trichloroethene	8.754	130	2822	0.88	ug/l	84
45) 1,2-Dichloropropane	9.044	63	2993	0.90	ug/l #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.137	93	1728	0.80	ug/l	96
47) Bromodichloromethane	9.336	83	3829	0.86	ug/l #	98
48) Methyl methacrylate	9.137	41	2563	0.75	ug/l #	67
49) 1,4-Dioxane	9.140	88	806m	17.50	ug/l	
51) 4-Methyl-2-Pentanone	9.923	43	17820	3.92	ug/l	91
52) Toluene	10.092	92	5661	0.75	ug/l	95
53) t-1,3-Dichloropropene	10.323	75	3511	0.76	ug/l	100
54) cis-1,3-Dichloropropene	9.770	75	3921	0.77	ug/l #	93
55) 1,1,2-Trichloroethane	10.497	97	2759	0.89	ug/l #	93
56) Ethyl methacrylate	10.379	69	2476m	0.59	ug/l	
57) 1,3-Dichloropropane	10.645	76	4168	0.81	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.634	63	1476	2.53	ug/l #	80
59) 2-Hexanone	10.704	43	8830	2.93	ug/l	79
60) Dibromochloromethane	10.841	129	2789	0.81	ug/l	95
61) 1,2-Dibromoethane	10.945	107	2426	0.75	ug/l	99
64) Tetrachloroethene	10.572	164	2834	0.96	ug/l	94
65) Chlorobenzene	11.372	112	6685	0.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.444	131	2467m	0.89	ug/l	
67) Ethyl Benzene	11.455	91	10161	0.80	ug/l	89
68) m/p-Xylenes	11.562	106	6435m	1.37	ug/l	
69) o-Xylene	11.895	106	3355	0.73	ug/l	97
70) Styrene	11.919	104	3793m	0.53	ug/l	
71) Bromoform	12.080	173	1586	0.71	ug/l #	97
73) Isopropylbenzene	12.195	105	7664	0.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.458	83	3285	0.88	ug/l #	96
76) 1,2,3-Trichloropropane	12.501	75	2700m	0.87	ug/l	
77) Bromobenzene	12.477	156	2288m	0.86	ug/l	
78) n-propylbenzene	12.541	91	8268m	0.74	ug/l	
79) 2-Chlorotoluene	12.624	91	4456	0.65	ug/l	89
80) 1,3,5-Trimethylbenzene	12.683	105	6255	0.75	ug/l	90
82) 4-Chlorotoluene	12.729	91	4902	0.73	ug/l	82
83) tert-Butylbenzene	12.935	119	6385	0.85	ug/l	94
84) 1,2,4-Trimethylbenzene	12.991	105	6828	0.85	ug/l	90
85) sec-Butylbenzene	13.118	105	6926	0.74	ug/l	96
86) p-Isopropyltoluene	13.238	119	5820	0.72	ug/l	94
87) 1,3-Dichlorobenzene	13.227	146	4153	0.91	ug/l	96
88) 1,4-Dichlorobenzene	13.311	146	5557	1.14	ug/l	83
89) n-Butylbenzene	13.576	91	8019m	1.11	ug/l	
90) Hexachloroethane	13.818	117	1658	0.99	ug/l	81
91) 1,2-Dichlorobenzene	13.611	146	4396	0.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.239	75	1644m	1.85	ug/l	
93) 1,2,4-Trichlorobenzene	14.992	180	4696	1.51	ug/l	98
94) Hexachlorobutadiene	15.099	225	1730m	1.10	ug/l	
95) Naphthalene	15.274	128	20826	1.84	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.512	180	5635m	1.71	ug/l	

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

