

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068112.D
 Acq On : 16 Aug 2021 13:45
 Operator : JC/MD
 Sample : VN0816WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Quant Time: Aug 17 07:11:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards								
1) Pentafluorobenzene			8.086	168	289345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.968	114	548468	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.747	117	515732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.675	152	236576	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.440	65	237947	58.090	ug/l	0.00
Spiked Amount 50.000			Range	61 - 141	Recovery	=	116.180%	
35) Dibromofluoromethane			8.021	113	177985	55.683	ug/l	0.00
Spiked Amount 50.000			Range	69 - 133	Recovery	=	111.360%	
50) Toluene-d8			10.443	98	711783	48.386	ug/l	0.00
Spiked Amount 50.000			Range	65 - 126	Recovery	=	96.780%	
62) 4-Bromofluorobenzene			12.734	95	256280	47.716	ug/l	0.00
Spiked Amount 50.000			Range	58 - 135	Recovery	=	95.440%	
Target Compounds								
								Qvalue
2) Dichlorodifluoromethane			2.070	85	52093	17.571	ug/l	97
3) Chloromethane			2.301	50	64763	17.585	ug/l	99
4) Vinyl Chloride			2.443	62	111351	19.378	ug/l	96
5) Bromomethane			2.837	94	90045	17.583	ug/l	99
6) Chloroethane			3.009	64	88709	19.910	ug/l	99
7) Trichlorofluoromethane			3.368	101	214728	20.622	ug/l	99
8) Diethyl Ether			3.811	74	57378	29.000	ug/l	91
9) 1,1,2-Trichlorotrifluo...			4.197	101	58932	19.634	ug/l	97
10) Methyl Iodide			4.414	142	64615	18.572	ug/l #	90
11) Tert butyl alcohol			5.385	59	61790	112.587	ug/l #	82
12) 1,1-Dichloroethene			4.167	96	52997	19.316	ug/l	94
13) Acrolein			4.039	56	34228	91.899	ug/l	98
14) Allyl chloride			4.835	41	95071	20.404	ug/l	95
15) Acrylonitrile			5.559	53	181785	118.178	ug/l	99
16) Acetone			4.288	43	167558	112.110	ug/l	93
17) Carbon Disulfide			4.524	76	119285	14.991	ug/l	99
18) Methyl Acetate			4.857	43	87236	24.224	ug/l	96
19) Methyl tert-butyl Ether			5.621	73	228249	22.162	ug/l	98
20) Methylene Chloride			5.090	84	72716	20.905	ug/l	91
21) trans-1,2-Dichloroethene			5.594	96	62159	19.479	ug/l	94
22) Diisopropyl ether			6.501	45	236926	22.906	ug/l	97
23) Vinyl Acetate			6.434	43	966038	104.190	ug/l	97
24) 1,1-Dichloroethane			6.385	63	132435	22.140	ug/l	98
25) 2-Butanone			7.337	43	252362	116.386	ug/l	95
26) 2,2-Dichloropropane			7.324	77	117543	22.467	ug/l	97
27) cis-1,2-Dichloroethene			7.324	96	78453	20.681	ug/l	90
28) Bromochloromethane			7.659	49	55362	19.405	ug/l	85
29) Tetrahydrofuran			7.689	42	164266	118.304	ug/l	93
30) Chloroform			7.820	83	148433	22.405	ug/l	100
31) Cyclohexane			8.094	56	109704	18.156	ug/l #	89
32) 1,1,1-Trichloroethane			8.016	97	128929	22.530	ug/l	99
36) 1,1-Dichloropropene			8.222	75	98409	19.398	ug/l	97
37) Ethyl Acetate			7.418	43	103640	21.707	ug/l	99
38) Carbon Tetrachloride			8.206	117	105129	21.071	ug/l	100
39) Methylcyclohexane			9.459	83	101372	18.490	ug/l	96
40) Benzene			8.458	78	304128	20.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	52363	23.022	ug/l	94
42) 1,2-Dichloroethane	8.531	62	116969	21.085	ug/l	97
43) Isopropyl Acetate	8.563	43	183423	23.054	ug/l	98
44) Trichloroethene	9.215	130	72901	19.190	ug/l	93
45) 1,2-Dichloropropane	9.491	63	82056	21.927	ug/l	97
46) Dibromomethane	9.580	93	57855	21.384	ug/l	96
47) Bromodichloromethane	9.765	83	118728	23.025	ug/l	100
48) Methyl methacrylate	9.563	41	76096	20.603	ug/l	91
49) 1,4-Dioxane	9.572	88	26841	424.124	ug/l #	92
51) 4-Methyl-2-Pentanone	10.333	43	571594	106.192	ug/l	97
52) Toluene	10.508	92	203520	20.854	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	124267	20.722	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	127571	20.264	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	85422	22.577	ug/l	98
56) Ethyl methacrylate	10.762	69	120147	19.665	ug/l	94
57) 1,3-Dichloropropane	11.047	76	137983	22.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	92698	86.790	ug/l	98
59) 2-Hexanone	11.087	43	406921	106.525	ug/l	95
60) Dibromochloromethane	11.240	129	85650	20.231	ug/l	98
61) 1,2-Dibromoethane	11.347	107	83117	21.390	ug/l	99
64) Tetrachloroethene	10.980	164	58997	15.972	ug/l	98
65) Chlorobenzene	11.771	112	220026	20.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	83094	20.769	ug/l	99
67) Ethyl Benzene	11.846	91	393475	21.065	ug/l	97
68) m/p-Xylenes	11.956	106	305005	39.920	ug/l	87
69) o-Xylene	12.283	106	150220	21.875	ug/l	87
70) Styrene	12.296	104	242969	19.628	ug/l	94
71) Bromoform	12.460	173	57151	19.970	ug/l #	100
73) Isopropylbenzene	12.581	105	389031	20.155	ug/l	99
74) N-amyl acetate	12.390	43	140896	21.001	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	131385	22.526	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	96173m	20.242	ug/l	
77) Bromobenzene	12.865	156	84266	19.014	ug/l	82
78) n-propylbenzene	12.921	91	439313	20.169	ug/l	96
79) 2-Chlorotoluene	13.010	91	269092	20.271	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	324834	20.763	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	32982	21.490	ug/l	99
82) 4-Chlorotoluene	13.106	91	271011	20.334	ug/l	95
83) tert-Butylbenzene	13.326	119	268522	20.642	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	307693	20.299	ug/l	93
85) sec-Butylbenzene	13.503	105	370821	20.379	ug/l	97
86) p-Isopropyltoluene	13.619	119	297443	20.546	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	156073	19.173	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	154664	19.240	ug/l	97
89) n-Butylbenzene	13.943	91	246442	19.853	ug/l	97
90) Hexachloroethane	14.211	117	55649	22.474	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	153324	20.003	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	21041	22.595	ug/l	85
93) 1,2,4-Trichlorobenzene	15.265	180	56066	17.984	ug/l	98
94) Hexachlorobutadiene	15.370	225	31543	19.804	ug/l	97
95) Naphthalene	15.507	128	150543	17.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	54140	18.236	ug/l	99

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

