

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
 Data File : VN067818.D
 Acq On : 20 Jul 2021 15:34
 Operator : JC/MD
 Sample : VN0720WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:52:57 PM

Quant Time: Jul 21 05:07:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards							
1)	Pentafluorobenzene	8.088	168	364872	50.000	ug/l	# 0.00
34)	1,4-Difluorobenzene	8.971	114	672361	50.000	ug/l	0.00
63)	Chlorobenzene-d5	11.747	117	634292	50.000	ug/l	0.00
72)	1,4-Dichlorobenzene-d4	13.678	152	283801	50.000	ug/l	0.00
System Monitoring Compounds							
33)	1,2-Dichloroethane-d4	8.440	65	285352	51.747	ug/l	0.00
	Spiked Amount 50.000	Range 61	- 141	Recovery	=	103.500%	
35)	Dibromofluoromethane	8.024	113	205623	50.618	ug/l	0.00
	Spiked Amount 50.000	Range 69	- 133	Recovery	=	101.240%	
50)	Toluene-d8	10.443	98	830814	48.861	ug/l	0.00
	Spiked Amount 50.000	Range 65	- 126	Recovery	=	97.720%	
62)	4-Bromofluorobenzene	12.733	95	289615	48.216	ug/l	0.00
	Spiked Amount 50.000	Range 58	- 135	Recovery	=	96.440%	
Target Compounds							Qvalue
2)	Dichlorodifluoromethane	2.073	85	63935	20.615	ug/l	97
3)	Chloromethane	2.301	50	82824	16.861	ug/l	97
4)	Vinyl Chloride	2.443	62	132956	17.935	ug/l	98
5)	Bromomethane	2.850	94	107533	18.212	ug/l	97
6)	Chloroethane	3.017	64	100721	17.851	ug/l	96
7)	Trichlorofluoromethane	3.371	101	244586	19.672	ug/l	99
8)	Diethyl Ether	3.819	74	52715	17.863	ug/l	88
9)	1,1,2-Trichlorotrifluo...	4.199	101	70534	20.859	ug/l	96
10)	Methyl Iodide	4.414	142	79384	19.707	ug/l	94
11)	Tert butyl alcohol	5.385	59	77550	97.866	ug/l	100
12)	1,1-Dichloroethene	4.175	96	63780	19.659	ug/l	88
13)	Acrolein	4.041	56	39823	100.608	ug/l	98
14)	Allyl chloride	4.835	41	112851	18.923	ug/l	98
15)	Acrylonitrile	5.557	53	209207	106.444	ug/l	99
16)	Acetone	4.291	43	174644	100.652	ug/l	97
17)	Carbon Disulfide	4.524	76	158442	17.630	ug/l	98
18)	Methyl Acetate	4.859	43	101393	20.804	ug/l	94
19)	Methyl tert-butyl Ether	5.621	73	270980	20.156	ug/l	100
20)	Methylene Chloride	5.093	84	87136	21.110	ug/l	93
21)	trans-1,2-Dichloroethene	5.597	96	75759	19.750	ug/l	85
22)	Diisopropyl ether	6.501	45	263309	19.457	ug/l	97
23)	Vinyl Acetate	6.436	43	1114288	96.308	ug/l	96
24)	1,1-Dichloroethane	6.388	63	149316	19.792	ug/l	100
25)	2-Butanone	7.343	43	285614	99.128	ug/l	94
26)	2,2-Dichloropropane	7.327	77	117774	17.863	ug/l	94
27)	cis-1,2-Dichloroethene	7.327	96	93635	19.506	ug/l	85
28)	Bromochloromethane	7.657	49	66846	18.158	ug/l	85
29)	Tetrahydrofuran	7.691	42	191791	101.222	ug/l	94
30)	Chloroform	7.820	83	165759	19.560	ug/l	99
31)	Cyclohexane	8.096	56	132803	17.176	ug/l	92
32)	1,1,1-Trichloroethane	8.016	97	137645	18.732	ug/l	98
36)	1,1-Dichloropropene	8.222	75	114040	18.259	ug/l	96
37)	Ethyl Acetate	7.415	43	118923	19.652	ug/l	98
38)	Carbon Tetrachloride	8.206	117	114880	18.648	ug/l	96
39)	Methylcyclohexane	9.461	83	122410	17.903	ug/l	93
40)	Benzene	8.461	78	353075	18.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	59193	19.032	ug/l	92
42) 1,2-Dichloroethane	8.531	62	134735	19.407	ug/l	96
43) Isopropyl Acetate	8.566	43	202524	19.026	ug/l	96
44) Trichloroethene	9.217	130	90591	19.094	ug/l	84
45) 1,2-Dichloropropane	9.491	63	92015	19.440	ug/l	99
46) Dibromomethane	9.580	93	65318	19.448	ug/l	94
47) Bromodichloromethane	9.765	83	124703	18.993	ug/l	94
48) Methyl methacrylate	9.563	41	93958	19.957	ug/l	96
49) 1,4-Dioxane	9.571	88	32346	366.358	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	650831	99.521	ug/l	96
52) Toluene	10.507	92	237305	19.378	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	130186	17.803	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	138705	18.996	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	93243	19.868	ug/l	97
56) Ethyl methacrylate	10.765	69	143250	19.812	ug/l	91
57) 1,3-Dichloropropane	11.047	76	153570	19.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	152309	90.632	ug/l	93
59) 2-Hexanone	11.087	43	454446	99.555	ug/l	95
60) Dibromochloromethane	11.240	129	90604	17.345	ug/l	99
61) 1,2-Dibromoethane	11.347	107	95878	20.010	ug/l	99
64) Tetrachloroethene	10.980	164	88222	19.704	ug/l	98
65) Chlorobenzene	11.773	112	250483	19.228	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	90211	19.687	ug/l	99
67) Ethyl Benzene	11.848	91	451693	19.046	ug/l	98
68) m/p-Xylenes	11.956	106	341830	38.109	ug/l	89
69) o-Xylene	12.283	106	169829	19.257	ug/l	88
70) Styrene	12.296	104	277010	19.636	ug/l	93
71) Bromoform	12.460	173	57162	16.346	ug/l #	100
73) Isopropylbenzene	12.581	105	432373	18.882	ug/l	97
74) N-amyl acetate	12.390	43	161456	19.436	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	135099	20.329	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	121259m	20.922	ug/l	
77) Bromobenzene	12.862	156	98611	19.458	ug/l	78
78) n-propylbenzene	12.924	91	497412	19.206	ug/l	97
79) 2-Chlorotoluene	13.010	91	303464	19.395	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	361992	19.510	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	31837	17.711	ug/l	98
82) 4-Chlorotoluene	13.106	91	304443	19.663	ug/l	93
83) tert-Butylbenzene	13.326	119	299892	18.953	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	353976	19.471	ug/l	93
85) sec-Butylbenzene	13.503	105	422734	19.304	ug/l	97
86) p-Isopropyltoluene	13.619	119	339274	19.199	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	185585	19.739	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	183845	19.099	ug/l	97
89) n-Butylbenzene	13.943	91	293363	19.355	ug/l	98
90) Hexachloroethane	14.211	117	54256	18.486	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	176681	19.468	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23644	20.485	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	80353	18.762	ug/l	100
94) Hexachlorobutadiene	15.373	225	38431	20.152	ug/l	99
95) Naphthalene	15.507	128	242439	19.409	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	77449	18.823	ug/l	98

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

