

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068282.D
 Acq On : 24 Aug 2021 12:37
 Operator : JC/MD
 Sample : VN0824WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 3:18:05 PM

Quant Time: Aug 25 03:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	598667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	903531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	860077	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	396889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	323858	50.665	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.340%	
35) Dibromofluoromethane	8.024	113	290997	51.299	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.600%	
50) Toluene-d8	10.443	98	1112815	51.484	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.733	95	363094	50.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	88737	18.706	ug/l	100
3) Chloromethane	2.301	50	98251	18.333	ug/l	99
4) Vinyl Chloride	2.445	62	154607	18.411	ug/l	98
5) Bromomethane	2.848	94	146479	20.266	ug/l	97
6) Chloroethane	3.014	64	117057	20.674	ug/l	96
7) Trichlorofluoromethane	3.371	101	321583	19.479	ug/l	99
8) Diethyl Ether	3.821	74	63829	16.668	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.205	101	103606	20.526	ug/l #	85
10) Methyl Iodide	4.417	142	131052	18.259	ug/l	89
11) Tert butyl alcohol	5.388	59	79151	99.294	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	92998	19.162	ug/l #	74
13) Acrolein	4.044	56	31872	53.173	ug/l	100
14) Allyl chloride	4.840	41	121242	19.544	ug/l #	94
15) Acrylonitrile	5.559	53	225810	100.545	ug/l	99
16) Acetone	4.293	43	194494	104.213	ug/l #	89
17) Carbon Disulfide	4.524	76	231084	18.418	ug/l	97
18) Methyl Acetate	4.859	43	108650	20.933	ug/l #	86
19) Methyl tert-butyl Ether	5.621	73	314262	20.085	ug/l	97
20) Methylene Chloride	5.093	84	116105	21.265	ug/l #	82
21) trans-1,2-Dichloroethene	5.594	96	103289	19.010	ug/l #	78
22) Diisopropyl ether	6.501	45	274501	20.255	ug/l #	93
23) Vinyl Acetate	6.439	43	1053817	99.899	ug/l #	90
24) 1,1-Dichloroethane	6.388	63	176108	19.449	ug/l	96
25) 2-Butanone	7.343	43	288618	99.233	ug/l #	88
26) 2,2-Dichloropropane	7.329	77	161766	20.851	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	125609	19.307	ug/l	76
28) Bromochloromethane	7.659	49	78496	19.715	ug/l #	47
29) Tetrahydrofuran	7.689	42	191365	102.880	ug/l #	81
30) Chloroform	7.820	83	211219	19.582	ug/l	95
31) Cyclohexane	8.096	56	161186	19.145	ug/l #	82
32) 1,1,1-Trichloroethane	8.016	97	192340	19.996	ug/l	95
36) 1,1-Dichloropropene	8.222	75	143243	19.394	ug/l	90
37) Ethyl Acetate	7.415	43	122266	19.431	ug/l	97
38) Carbon Tetrachloride	8.206	117	172411	20.239	ug/l	98
39) Methylcyclohexane	9.461	83	183521	22.000	ug/l	89
40) Benzene	8.461	78	457853	20.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	58441	20.343	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	154694	20.145	ug/l	93
43) Isopropyl Acetate	8.566	43	208029	20.639	ug/l #	90
44) Trichloroethene	9.217	130	137180	20.235	ug/l	75
45) 1,2-Dichloropropane	9.491	63	108206	20.407	ug/l	97
46) Dibromomethane	9.579	93	86360	19.965	ug/l #	78
47) Bromodichloromethane	9.765	83	166149	20.670	ug/l	98
48) Methyl methacrylate	9.563	41	85597	20.379	ug/l #	82
49) 1,4-Dioxane	9.574	88	40702	400.909	ug/l #	83
51) 4-Methyl-2-Pentanone	10.333	43	640564	103.459	ug/l	90
52) Toluene	10.507	92	315274	20.514	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	165383	20.948	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	175772	20.549	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	124381	20.253	ug/l	95
56) Ethyl methacrylate	10.765	69	158840	20.140	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	192979	20.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	118312	83.469	ug/l #	84
59) 2-Hexanone	11.089	43	433501	100.835	ug/l	86
60) Dibromochloromethane	11.240	129	144339	20.832	ug/l	100
61) 1,2-Dibromoethane	11.350	107	132720	20.837	ug/l	100
64) Tetrachloroethene	10.980	164	137962	20.744	ug/l	90
65) Chlorobenzene	11.773	112	347719	19.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	142341	21.428	ug/l	99
67) Ethyl Benzene	11.848	91	575552	19.814	ug/l	94
68) m/p-Xylenes	11.956	106	472140	40.632	ug/l	79
69) o-Xylene	12.286	106	227378	20.252	ug/l	80
70) Styrene	12.296	104	354812	19.744	ug/l #	90
71) Bromoform	12.460	173	109175	20.494	ug/l #	99
73) Isopropylbenzene	12.581	105	591365	20.950	ug/l	95
74) N-amyl acetate	12.390	43	137969	18.771	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	171696	20.282	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	143611m	21.770	ug/l	
77) Bromobenzene	12.865	156	156640	20.143	ug/l	55
78) n-propylbenzene	12.924	91	627588	20.727	ug/l	90
79) 2-Chlorotoluene	13.010	91	382669	20.435	ug/l	83
80) 1,3,5-Trimethylbenzene	13.063	105	482493	21.129	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	39051	19.394	ug/l	89
82) 4-Chlorotoluene	13.109	91	360631	19.841	ug/l	83
83) tert-Butylbenzene	13.326	119	437384	21.570	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	470091	21.088	ug/l	89
85) sec-Butylbenzene	13.503	105	587539	22.005	ug/l	91
86) p-Isopropyltoluene	13.619	119	477618	21.672	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	269177	20.299	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	260803	19.414	ug/l	91
89) n-Butylbenzene	13.946	91	334366	20.338	ug/l	95
90) Hexachloroethane	14.211	117	90833	22.213	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	256935	20.351	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	25274	19.711	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.265	180	107240	18.012	ug/l	97
94) Hexachlorobutadiene	15.373	225	74380	21.753	ug/l	99
95) Naphthalene	15.509	128	206959	15.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	101734	18.099	ug/l	97

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

