

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067644.D
 Acq On : 7 Jul 2021 19:34
 Operator : JC/MD
 Sample : VN0707WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:03:20 PM

Quant Time: Jul 08 06:08:48 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	369856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	701347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	696363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	305809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	292981	52.415	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.820%
35) Dibromofluoromethane	8.024	113	205150	48.414	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.820%
50) Toluene-d8	10.443	98	893690	50.387	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.733	95	316603	50.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.060%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	58270	18.536	ug/l	98
3) Chloromethane	2.301	50	92321	18.542	ug/l	96
4) Vinyl Chloride	2.440	62	143638	19.114	ug/l	97
5) Bromomethane	2.840	94	119529	20.496	ug/l	96
6) Chloroethane	3.009	64	111175	19.568	ug/l	97
7) Trichlorofluoromethane	3.368	101	267350	21.493	ug/l	99
8) Diethyl Ether	3.816	74	71645	23.950	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.202	101	65160	19.010	ug/l	96
10) Methyl Iodide	4.414	142	73005	17.879	ug/l	94
11) Tert butyl alcohol	5.390	59	74084	92.232	ug/l #	89
12) 1,1-Dichloroethene	4.173	96	62716	19.070	ug/l	90
13) Acrolein	4.039	56	36862	91.506	ug/l	98
14) Allyl chloride	4.835	41	107815	17.835	ug/l	91
15) Acrylonitrile	5.557	53	197090	98.928	ug/l	98
16) Acetone	4.291	43	164740	93.664	ug/l	95
17) Carbon Disulfide	4.521	76	167551	18.393	ug/l	99
18) Methyl Acetate	4.862	43	91360	18.493	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	261111	19.160	ug/l	98
20) Methylene Chloride	5.095	84	80531	19.184	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	74907	19.265	ug/l	87
22) Diisopropyl ether	6.501	45	266923	19.458	ug/l	97
23) Vinyl Acetate	6.436	43	1139896	97.194	ug/l	97
24) 1,1-Dichloroethane	6.385	63	148033	19.357	ug/l	100
25) 2-Butanone	7.343	43	282121	96.597	ug/l	95
26) 2,2-Dichloropropane	7.327	77	117935	17.646	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	91562	18.818	ug/l	89
28) Bromochloromethane	7.659	49	69568	18.642	ug/l	89
29) Tetrahydrofuran	7.689	42	187972	97.869	ug/l	93
30) Chloroform	7.820	83	162539	18.922	ug/l	100
31) Cyclohexane	8.096	56	141495	18.053	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	145897	19.587	ug/l	98
36) 1,1-Dichloropropene	8.222	75	118411	18.176	ug/l	96
37) Ethyl Acetate	7.418	43	119793	18.977	ug/l	100
38) Carbon Tetrachloride	8.206	117	118434	18.430	ug/l	99
39) Methylcyclohexane	9.461	83	134846	18.907	ug/l	93
40) Benzene	8.461	78	363182	18.624	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	60064	18.514	ug/l	94
42) 1,2-Dichloroethane	8.531	62	141312	19.513	ug/l	97
43) Isopropyl Acetate	8.566	43	210565	18.963	ug/l	97
44) Trichloroethene	9.217	130	92027	18.595	ug/l	87
45) 1,2-Dichloropropane	9.494	63	93008	18.838	ug/l	100
46) Dibromomethane	9.579	93	66550	18.996	ug/l	96
47) Bromodichloromethane	9.762	83	128239	18.724	ug/l	98
48) Methyl methacrylate	9.561	41	93112	18.960	ug/l	92
49) 1,4-Dioxane	9.577	88	34197	370.880	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	665288	97.527	ug/l	96
52) Toluene	10.507	92	251797	19.711	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	136736	17.914	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	142936	18.766	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	95434	19.494	ug/l	97
56) Ethyl methacrylate	10.765	69	149377	19.806	ug/l	94
57) 1,3-Dichloropropane	11.047	76	163066	19.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	147600	85.407	ug/l	93
59) 2-Hexanone	11.087	43	471650	99.054	ug/l	96
60) Dibromochloromethane	11.242	129	94471	17.339	ug/l	98
61) 1,2-Dibromoethane	11.347	107	99169	19.842	ug/l	99
64) Tetrachloroethene	10.979	164	90737	18.459	ug/l	97
65) Chlorobenzene	11.773	112	268694	18.787	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	95527	18.988	ug/l	99
67) Ethyl Benzene	11.846	91	493234	18.944	ug/l	99
68) m/p-Xylenes	11.956	106	372679	37.845	ug/l	88
69) o-Xylene	12.283	106	180653	18.659	ug/l	91
70) Styrene	12.296	104	299011	19.306	ug/l	93
71) Bromoform	12.460	173	61140	16.006	ug/l #	100
73) Isopropylbenzene	12.581	105	477130	19.337	ug/l	97
74) N-amyl acetate	12.390	43	170833	19.085	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	139658	19.503	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	130573m	20.908	ug/l	
77) Bromobenzene	12.862	156	103106	18.880	ug/l	79
78) n-propylbenzene	12.924	91	532874	19.095	ug/l	97
79) 2-Chlorotoluene	13.010	91	325873	19.328	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	392525	19.634	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	35160	18.152	ug/l	96
82) 4-Chlorotoluene	13.109	91	325019	19.481	ug/l	94
83) tert-Butylbenzene	13.326	119	332605	19.508	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	383819	19.593	ug/l	94
85) sec-Butylbenzene	13.506	105	458236	19.420	ug/l	98
86) p-Isopropyltoluene	13.619	119	366836	19.265	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	190963	18.849	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	191135	18.427	ug/l	97
89) n-Butylbenzene	13.946	91	308097	18.864	ug/l	98
90) Hexachloroethane	14.214	117	58627	18.538	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	184024	18.818	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	24195	19.454	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	76451	16.879	ug/l	97
94) Hexachlorobutadiene	15.373	225	38203	18.591	ug/l	97
95) Naphthalene	15.509	128	219782	16.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	70995	16.406	ug/l	99

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

