

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067791.D
 Acq On : 19 Jul 2021 14:14
 Operator : JC/MD
 Sample : VN0719WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:31 PM

Quant Time: Jul 19 18:56:14 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	357215	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	668159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	632139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	277849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	286624	53.092	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.180%	
35) Dibromofluoromethane	8.024	113	209127	51.804	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.600%	
50) Toluene-d8	10.443	98	845032	50.010	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.734	95	292099	48.936	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	57476	18.930	ug/l	96
3) Chloromethane	2.301	50	79985	16.632	ug/l	100
4) Vinyl Chloride	2.443	62	135585	18.681	ug/l	97
5) Bromomethane	2.851	94	116192	20.665	ug/l	99
6) Chloroethane	3.019	64	107917	19.675	ug/l	99
7) Trichlorofluoromethane	3.371	101	254596	21.142	ug/l	97
8) Diethyl Ether	3.813	74	57091	19.760	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.200	101	70616	21.330	ug/l	97
10) Methyl Iodide	4.414	142	73486	18.634	ug/l	93
11) Tert butyl alcohol	5.393	59	74495	96.026	ug/l	# 85
12) 1,1-Dichloroethene	4.173	96	65366	20.580	ug/l	87
13) Acrolein	4.039	56	45006	116.791	ug/l	99
14) Allyl chloride	4.838	41	111718	19.134	ug/l	94
15) Acrylonitrile	5.557	53	201499	104.720	ug/l	100
16) Acetone	4.291	43	171203	100.783	ug/l	96
17) Carbon Disulfide	4.524	76	159626	18.143	ug/l	100
18) Methyl Acetate	4.857	43	98012	20.542	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	263730	20.037	ug/l	99
20) Methylene Chloride	5.095	84	85117	21.061	ug/l	95
21) trans-1,2-Dichloroethene	5.594	96	74287	19.782	ug/l	88
22) Diisopropyl ether	6.503	45	259456	19.583	ug/l	98
23) Vinyl Acetate	6.436	43	1092503	96.449	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	147401	19.957	ug/l	98
25) 2-Butanone	7.340	43	280070	99.288	ug/l	94
26) 2,2-Dichloropropane	7.324	77	129103	20.001	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	90697	19.299	ug/l	89
28) Bromochloromethane	7.657	49	66585	18.474	ug/l	# 82
29) Tetrahydrofuran	7.691	42	186332	100.449	ug/l	93
30) Chloroform	7.818	83	165598	19.960	ug/l	98
31) Cyclohexane	8.094	56	135797	17.940	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	144630	20.104	ug/l	98
36) 1,1-Dichloropropene	8.223	75	115287	18.575	ug/l	97
37) Ethyl Acetate	7.418	43	114628	19.061	ug/l	99
38) Carbon Tetrachloride	8.209	117	115746	18.906	ug/l	99
39) Methylcyclohexane	9.459	83	125191	18.425	ug/l	94
40) Benzene	8.459	78	354189	19.065	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	60662	19.627	ug/l	96
42) 1,2-Dichloroethane	8.531	62	135162	19.591	ug/l	98
43) Isopropyl Acetate	8.566	43	203873	19.273	ug/l	96
44) Trichloroethene	9.218	130	89931	19.074	ug/l	90
45) 1,2-Dichloropropane	9.494	63	90069	19.149	ug/l	98
46) Dibromomethane	9.577	93	64864	19.435	ug/l	95
47) Bromodichloromethane	9.765	83	125241	19.195	ug/l	97
48) Methyl methacrylate	9.561	41	85046	18.177	ug/l	88
49) 1,4-Dioxane	9.572	88	32482	369.874	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	633440	97.471	ug/l	97
52) Toluene	10.508	92	234391	19.260	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	128357	17.677	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	138700	19.115	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	92021	19.731	ug/l	97
56) Ethyl methacrylate	10.762	69	138235	19.239	ug/l	92
57) 1,3-Dichloropropane	11.047	76	153229	19.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	131106	80.782	ug/l	92
59) 2-Hexanone	11.090	43	438130	96.585	ug/l	96
60) Dibromochloromethane	11.240	129	91295	17.555	ug/l	99
61) 1,2-Dibromoethane	11.347	107	92794	19.489	ug/l	99
64) Tetrachloroethene	10.980	164	88603	19.856	ug/l	97
65) Chlorobenzene	11.773	112	247946	19.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	90870	19.898	ug/l	99
67) Ethyl Benzene	11.846	91	449606	19.023	ug/l	96
68) m/p-Xylenes	11.956	106	340151	38.051	ug/l	88
69) o-Xylene	12.283	106	166262	18.917	ug/l	90
70) Styrene	12.296	104	272464	19.380	ug/l	94
71) Bromoform	12.460	173	56903	16.331	ug/l #	99
73) Isopropylbenzene	12.581	105	427196	19.056	ug/l	98
74) N-amyl acetate	12.390	43	150800	18.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	129616	19.922	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	111042m	19.570	ug/l	
77) Bromobenzene	12.862	156	96499	19.449	ug/l	78
78) n-propylbenzene	12.921	91	490289	19.337	ug/l	97
79) 2-Chlorotoluene	13.010	91	297497	19.421	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	357352	19.673	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	31519	17.909	ug/l	99
82) 4-Chlorotoluene	13.109	91	294607	19.435	ug/l	93
83) tert-Butylbenzene	13.326	119	300987	19.430	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	353255	19.847	ug/l	95
85) sec-Butylbenzene	13.503	105	413728	19.298	ug/l	97
86) p-Isopropyltoluene	13.619	119	330973	19.131	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	176816	19.209	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	172845	18.341	ug/l	96
89) n-Butylbenzene	13.946	91	276209	18.613	ug/l	98
90) Hexachloroethane	14.211	117	54574	18.993	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	172887	19.458	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	22421	19.841	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	68292	16.640	ug/l	97
94) Hexachlorobutadiene	15.370	225	35603	19.069	ug/l	98
95) Naphthalene	15.509	128	182748	15.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	64783	16.466	ug/l	99

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

