Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
Data File : VN067656.D
Acq On : 8 Jul 2021 12:03
Operator : JC/MD
Sample : M2940-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
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7/9/2021 5:43:28 PM

Quant Time: Jul 09 05:08:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 09 04:50:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	337234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	626018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	570398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	215659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	269848	52.946	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.900%			
35) Dibromofluoromethane	8.024	113	185192	48.963	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.920%			
50) Toluene-d8	10.443	98	768098	48.517	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.736	95	239364	42.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.600%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1212	0.267	ug/l #	49
5) Bromomethane	2.869	94	3273	0.579	ug/l	97
6) Chloroethane	3.019	64	1114m	0.219	ug/l	
11) Tert butyl alcohol	5.404	59	793m	1.083	ug/l	
13) Acrolein	4.039	56	903	2.296	ug/l #	63
14) Allyl chloride	4.838	41	1302m	0.236	ug/l	
15) Acrylonitrile	5.573	53	1593m	0.877	ug/l	
16) Acetone	4.299	43	3654m	2.278	ug/l	
17) Carbon Disulfide	4.537	76	2641m	0.318	ug/l	
18) Methyl Acetate	4.881	43	1744m	0.387	ug/l	
20) Methylene Chloride	5.079	84	3461	0.816	ug/l #	62
23) Vinyl Acetate	6.444	43	8773m	0.820	ug/l	
25) 2-Butanone	7.351	43	3626m	1.362	ug/l	
26) 2,2-Dichloropropane	7.335	77	1419m	0.233	ug/l	
29) Tetrahydrofuran	7.697	42	1744m	0.996	ug/l	
30) Chloroform	7.828	83	1568	0.200	ug/l	96
31) Cyclohexane	8.083	56	10747	1.504	ug/l #	33
36) 1,1-Dichloropropene	8.220	75	1272	0.219	ug/l #	65
37) Ethyl Acetate	7.415	43	1203m	0.214	ug/l	
38) Carbon Tetrachloride	8.206	117	1164m	0.203	ug/l	
42) 1,2-Dichloroethane	8.531	62	1864m	0.288	ug/l	
48) Methyl methacrylate	9.561	41	992	0.226	ug/l #	75
49) 1,4-Dioxane	9.577	88	110	1.448	ug/l #	56
51) 4-Methyl-2-Pentanone	10.333	43	5980	0.982	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.046	63	2574	1.844	ug/l #	71
59) 2-Hexanone	11.092	43	4972	1.170	ug/l	91
68) m/p-Xylenes	11.958	106	2598	0.322	ug/l #	31
73) Isopropylbenzene	12.581	105	3612	0.208	ug/l	93
74) N-amyl acetate	12.393	43	2173	0.344	ug/l #	87
76) 1,2,3-Trichloropropane	12.881	75	1193m	0.271	ug/l	
77) Bromobenzene	12.876	156	978m	0.254	ug/l	
78) n-propylbenzene	12.921	91	4607	0.234	ug/l	100
79) 2-Chlorotoluene	13.010	91	2656	0.223	ug/l	85
80) 1,3,5-Trimethylbenzene	13.061	105	2926	0.208	ug/l	97
82) 4-Chlorotoluene	13.112	91	3111	0.264	ug/l	95
83) tert-Butylbenzene	13.326	119	2440	0.203	ug/l	83

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) 1,2,4-Trimethylbenzene	13.369	105	2774	0.201	ug/l		80
85) sec-Butylbenzene	13.503	105	3478	0.209	ug/l		93
86) p-Isopropyltoluene	13.621	119	2804	0.209	ug/l		83
87) 1,3-Dichlorobenzene	13.619	146	1540	0.216	ug/l		95
88) 1,4-Dichlorobenzene	13.699	146	2222m	0.304	ug/l		
89) n-Butylbenzene	13.946	91	3279	0.285	ug/l		98
91) 1,2-Dichlorobenzene	13.994	146	2011	0.292	ug/l	#	65
93) 1,2,4-Trichlorobenzene	15.271	180	1461	0.492	ug/l		92
94) Hexachlorobutadiene	15.367	225	346	0.239	ug/l	#	34
95) Naphthalene	15.509	128	6537	0.781	ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.705	180	1855	0.647	ug/l	#	81

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

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