Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023670.D
Acq On : 16 Jan 2023 18:26
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2023
Supervised By :mohammad ahmed 01/19/2023

Quant Time: Jan 17 04:35:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	5577	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	16218	0.400	ng		0.01
13) Acenaphthene-d10	14.602	164	8629	0.400	ng		0.01
19) Phenanthrene-d10	17.352	188	17496	0.400	ng	#	0.01
29) Chrysene-d12	21.544	240	13083	0.400	ng		0.00
35) Perylene-d12	23.974	264	9688	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3206	0.290	ng		0.00
5) Phenol-d6	7.110	99	4029	0.282	ng		0.00
8) Nitrobenzene-d5	9.110	82	3049	0.250	ng		0.00
11) 2-Methylnaphthalene-d10	12.355	152	9133	0.408	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	917	0.245	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	9189	0.263	ng		0.00
27) Fluoranthene-d10	19.380	212	17088	0.399	ng		0.00
31) Terphenyl-d14	19.979	244	9958	0.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	1034	0.207	ng		97
3) n-Nitrosodimethylamine	3.680	42	1066	0.190	ng		97
6) bis(2-Chloroethyl)ether	7.370	93	3091	0.206	ng		99
9) Naphthalene	10.808	128	8118	0.189	ng		98
10) Hexachlorobutadiene	11.096	225	1730	0.199	ng	#	98
12) 2-Methylnaphthalene	12.427	142	6050	0.197	ng		100
16) Acenaphthylene	14.313	152	6002	0.172	ng		100
17) Acenaphthene	14.655	154	4662	0.183	ng		100
18) Fluorene	15.650	166	6108	0.178	ng		98
20) 4,6-Dinitro-2-methylph...	15.726	198	301	0.158	ng	#	43
21) 4-Bromophenyl-phenylether	16.533	248	1881	0.189	ng	#	86
22) Hexachlorobenzene	16.657	284	2506	0.201	ng		99
23) Atrazine	16.806	200	1241	0.180	ng	#	94
24) Pentachlorophenol	17.005	266	767	0.178	ng		94
25) Phenanthrene	17.390	178	9386	0.183	ng		100
26) Anthracene	17.476	178	7262	0.177	ng		99
28) Fluoranthene	19.410	202	9783	0.169	ng		99
30) Pyrene	19.776	202	9523	0.190	ng		100
32) Benzo(a)anthracene	21.527	228	7580	0.179	ng		99
33) Chrysene	21.580	228	8733	0.187	ng		99
34) Bis(2-ethylhexyl)phtha...	21.446	149	4297	0.218	ng		99
36) Indeno(1,2,3-cd)pyrene	26.506	276	7796	0.179	ng		98
37) Benzo(b)fluoranthene	23.226	252	8491m	0.205	ng		
38) Benzo(k)fluoranthene	23.276	252	7631	0.189	ng	#	91
39) Benzo(a)pyrene	23.863	252	6875	0.220	ng	#	79
40) Dibenzo(a,h)anthracene	26.530	278	6183	0.178	ng		93
41) Benzo(g,h,i)perylene	27.290	276	6364	0.179	ng		96

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

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