Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033351.D
Acq On : 12 Aug 2024 14:47
Operator : MA/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-0.1ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 15:43:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.580	152	4113	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	11316	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	6603	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	16666	0.400	ng		0.00
29) Chrysene-d12	21.166	240	13200	0.400	ng		0.00
35) Perylene-d12	23.346	264	13442	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3182	0.280	ng		0.00
5) Phenol-d6	6.749	99	4561	0.297	ng		0.00
8) Nitrobenzene-d5	8.704	82	2985	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	9056	0.520	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	886	0.262	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	9559	0.353	ng		0.00
27) Fluoranthene-d10	18.997	212	23862	0.536	ng		0.00
31) Terphenyl-d14	19.615	244	9385	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	561m	0.123	ng		
3) n-Nitrosodimethylamine	3.492	42	648	0.110	ng	#	91
6) bis(2-Chloroethyl)ether	7.009	93	1387	0.112	ng		97
9) Naphthalene	10.391	128	3348	0.107	ng	#	95
10) Hexachlorobutadiene	10.690	225	643	0.108	ng	#	99
12) 2-Methylnaphthalene	12.011	142	2188	0.104	ng		95
16) Acenaphthylene	13.924	152	3189	0.103	ng		99
17) Acenaphthene	14.276	154	2152	0.102	ng		98
18) Fluorene	15.260	166	2791	0.100	ng		97
20) 4,6-Dinitro-2-methylph...	15.345	198	149	0.074	ng	#	1
21) 4-Bromophenyl-phenylether	16.164	248	980	0.098	ng		94
22) Hexachlorobenzene	16.275	284	1145	0.102	ng		95
23) Atrazine	16.437	200	694	0.088	ng	#	85
24) Pentachlorophenol	16.611	266	193	0.043	ng		99
25) Phenanthrene	16.995	178	5109	0.106	ng		99
26) Anthracene	17.095	178	4317	0.101	ng		99
28) Fluoranthene	19.030	202	5843	0.099	ng		98
30) Pyrene	19.392	202	5699	0.108	ng		99
32) Benzo(a)anthracene	21.148	228	4747	0.096	ng		97
33) Chrysene	21.201	228	5475	0.110	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	2287	0.102	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.518	276	4628	0.083	ng		97
37) Benzo(b)fluoranthene	22.700	252	4985	0.099	ng	#	87
38) Benzo(k)fluoranthene	22.744	252	5185	0.100	ng	#	85
39) Benzo(a)pyrene	23.252	252	3766	0.088	ng	#	79
40) Dibenzo(a,h)anthracene	25.542	278	3558	0.081	ng	#	83
41) Benzo(g,h,i)perylene	26.176	276	4180	0.086	ng	#	90

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

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