Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027273.D
Acq On : 30 Aug 2023 13:36
Operator : MA/JU
Sample : PB155087BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155087BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 04:27:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.066	152	5131	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13956	0.400	ng	#	0.00
13) Acenaphthene-d10	14.694	164	8756	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	20534	0.400	ng		0.00
29) Chrysene-d12	21.623	240	17664	0.400	ng		0.00
35) Perylene-d12	24.153	264	16070	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	4909	0.367	ng		0.00
5) Phenol-d6	7.207	99	6044	0.372	ng		0.00
8) Nitrobenzene-d5	9.251	82	4091	0.402	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7795	0.380	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1093	0.337	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	12625	0.379	ng		0.00
27) Fluoranthene-d10	19.467	212	18576	0.364	ng		0.00
31) Terphenyl-d14	20.052	244	12382	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2471	0.394	ng		97
3) n-Nitrosodimethylamine	3.805	42	2633	0.396	ng		94
6) bis(2-Chloroethyl)ether	7.495	93	5980	0.380	ng		98
9) Naphthalene	10.938	128	14274	0.375	ng		99
10) Hexachlorobutadiene	11.173	225	2769	0.390	ng	#	99
12) 2-Methylnaphthalene	12.540	142	10501	0.388	ng		99
16) Acenaphthylene	14.427	152	14409	0.362	ng		99
17) Acenaphthene	14.758	154	10192	0.383	ng		99
18) Fluorene	15.742	166	13696	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	16.897	198	104	0.356	ng		93
21) 4-Bromophenyl-phenylether	16.623	248	3887	0.359	ng	#	76
22) Hexachlorobenzene	16.710	284	4901	0.381	ng		98
23) Atrazine	16.897	200	2770	0.342	ng		98
24) Pentachlorophenol	17.070	266	1624	0.329	ng		99
25) Phenanthrene	17.480	178	23575	0.391	ng		100
26) Anthracene	17.579	178	18577	0.362	ng		100
28) Fluoranthene	19.495	202	26497	0.373	ng		100
30) Pyrene	19.857	202	27279	0.388	ng		100
32) Benzo(a)anthracene	21.605	228	21122	0.349	ng		100
33) Chrysene	21.659	228	25535	0.384	ng		100
34) Bis(2-ethylhexyl)phtha...	21.479	149	10043	0.344	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.823	276	21606	0.331	ng		99
37) Benzo(b)fluoranthene	23.361	252	23265	0.374	ng		100
38) Benzo(k)fluoranthene	23.417	252	24760m	0.387	ng		
39) Benzo(a)pyrene	24.036	252	20126	0.346	ng		100
40) Dibenzo(a,h)anthracene	26.855	278	16871	0.330	ng		100
41) Benzo(g,h,i)perylene	27.650	276	20494	0.346	ng		99

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

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