Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027272.D
Acq On : 30 Aug 2023 12:59
Operator : MA/JU
Sample : PB155087BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155087BS

Quant Time: Aug 31 04:27:29 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	4909	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13307	0.400	ng	#	0.00
13) Acenaphthene-d10	14.694	164	8519	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	19815	0.400	ng	#	0.00
29) Chrysene-d12	21.623	240	16955	0.400	ng	#	0.00
35) Perylene-d12	24.150	264	15507	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	4902	0.383	ng		0.00
5) Phenol-d6	7.206	99	6050	0.389	ng		0.00
8) Nitrobenzene-d5	9.251	82	4104	0.423	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7982	0.408	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1123	0.356	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	12664	0.391	ng		0.00
27) Fluoranthene-d10	19.462	212	19204	0.390	ng		0.00
31) Terphenyl-d14	20.052	244	12584	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2470	0.412	ng		97
3) n-Nitrosodimethylamine	3.805	42	2625	0.413	ng	#	95
6) bis(2-Chloroethyl)ether	7.495	93	6010	0.399	ng		98
9) Naphthalene	10.938	128	14542	0.401	ng		99
10) Hexachlorobutadiene	11.173	225	2796	0.413	ng	#	100
12) 2-Methylnaphthalene	12.540	142	10642	0.412	ng		99
16) Acenaphthylene	14.427	152	14670	0.378	ng		99
17) Acenaphthene	14.758	154	10368	0.401	ng		99
18) Fluorene	15.730	166	14000	0.406	ng		100
20) 4,6-Dinitro-2-methylph...	16.896	198	124	0.439	ng		91
21) 4-Bromophenyl-phenylether	16.623	248	3930	0.376	ng	#	81
22) Hexachlorobenzene	16.710	284	4959	0.400	ng		99
23) Atrazine	16.896	200	2870	0.367	ng		96
24) Pentachlorophenol	17.070	266	1615	0.339	ng		100
25) Phenanthrene	17.480	178	23093	0.396	ng		100
26) Anthracene	17.579	178	18623	0.376	ng		100
28) Fluoranthene	19.495	202	26626	0.388	ng		100
30) Pyrene	19.862	202	26951	0.400	ng		100
32) Benzo(a)anthracene	21.605	228	21489	0.370	ng		99
33) Chrysene	21.659	228	26106	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.479	149	10257	0.366	ng		98
36) Indeno(1,2,3-cd)pyrene	26.829	276	22614	0.359	ng		99
37) Benzo(b)fluoranthene	23.364	252	23924	0.399	ng		99
38) Benzo(k)fluoranthene	23.414	252	23462	0.380	ng		99
39) Benzo(a)pyrene	24.036	252	21239	0.379	ng		100
40) Dibenzo(a,h)anthracene	26.852	278	17681	0.358	ng		99
41) Benzo(g,h,i)perylene	27.656	276	21291	0.372	ng		99

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

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