Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027592.D
Acq On : 12 Sep 2023 02:32
Operator : MA/JU
Sample : PB155316BS
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155316BS

Quant Time: Sep 12 04:04:32 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 Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	6699	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	17843	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	8012	0.400	ng		0.00
19) Phenanthrene-d10	17.418	188	15652	0.400	ng	#	0.01
29) Chrysene-d12	21.587	240	11674	0.400	ng		0.00
35) Perylene-d12	24.092	264	11038	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.574	112	7681	0.440	ng		0.00
5) Phenol-d6	7.185	99	8634	0.407	ng		0.00
8) Nitrobenzene-d5	9.230	82	5988	0.460	ng		0.00
11) 2-Methylnaphthalene-d10	12.430	152	10122	0.386	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1142	0.385	ng		0.00
15) 2-Fluorobiphenyl	13.293	172	14577	0.478	ng		0.00
27) Fluoranthene-d10	19.435	212	15612	0.401	ng		0.00
31) Terphenyl-d14	20.020	244	10789	0.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3397	0.415	ng		92
3) n-Nitrosodimethylamine	3.819	42	3619	0.417	ng	#	94
6) bis(2-Chloroethyl)ether	7.466	93	8356	0.407	ng		100
9) Naphthalene	10.906	128	20759	0.427	ng		99
10) Hexachlorobutadiene	11.130	225	3985	0.439	ng	#	99
12) 2-Methylnaphthalene	12.502	142	13079	0.378	ng		100
16) Acenaphthylene	14.394	152	15141	0.415	ng		100
17) Acenaphthene	14.726	154	10455	0.430	ng		99
18) Fluorene	15.705	166	13256	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	16.859	198	92	0.413	ng	#	72
21) 4-Bromophenyl-phenylether	16.599	248	3941	0.478	ng		98
22) Hexachlorobenzene	16.685	284	4415	0.451	ng		99
23) Atrazine	16.859	200	2507	0.406	ng		95
24) Pentachlorophenol	17.045	266	1463	0.388	ng		99
25) Phenanthrene	17.455	178	19687	0.428	ng		100
26) Anthracene	17.542	178	16623	0.425	ng		100
28) Fluoranthene	19.462	202	20969	0.387	ng		99
30) Pyrene	19.829	202	21241	0.458	ng		99
32) Benzo(a)anthracene	21.569	228	17168	0.429	ng		100
33) Chrysene	21.623	228	19322	0.439	ng		99
34) Bis(2-ethylhexyl)phtha...	21.444	149	7742	0.401	ng		98
36) Indeno(1,2,3-cd)pyrene	26.732	276	20099	0.448	ng		99
37) Benzo(b)fluoranthene	23.311	252	17977	0.421	ng		98
38) Benzo(k)fluoranthene	23.364	252	18002	0.410	ng		97
39) Benzo(a)pyrene	23.978	252	16435	0.412	ng		98
40) Dibenzo(a,h)anthracene	26.750	278	16310	0.464	ng		98
41) Benzo(g,h,i)perylene	27.548	276	18153	0.446	ng		97

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

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