Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024770.D
Acq On : 05 Apr 2023 16:46
Operator : CG/JU
Sample : PB151694BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB151694BS

Quant Time: Apr 05 17:15:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 11:04:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.947	152	8298	0.400	ng		-0.01
7) Naphthalene-d8	10.760	136	24101	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	13602	0.400	ng		-0.01
19) Phenanthrene-d10	17.336	188	29534	0.400	ng		0.00
29) Chrysene-d12	21.535	240	24921	0.400	ng		0.00
35) Perylene-d12	24.001	264	22695	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.492	112	6364	0.332	ng		-0.01
5) Phenol-d6	7.102	99	8250	0.341	ng		-0.01
8) Nitrobenzene-d5	9.116	82	6562	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	10865	0.340	ng		0.00
14) 2,4,6-Tribromophenol	16.094	330	1787	0.292	ng		0.00
15) 2-Fluorobiphenyl	13.219	172	18452	0.355	ng		0.00
27) Fluoranthene-d10	19.372	212	21792	0.325	ng		0.00
31) Terphenyl-d14	19.966	244	22436	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	3379	0.371	ng		97
3) n-Nitrosodimethylamine	3.686	42	5399	0.349	ng		96
6) bis(2-Chloroethyl)ether	7.369	93	8629	0.352	ng		99
9) Naphthalene	10.814	128	21483	0.346	ng		100
10) Hexachlorobutadiene	11.102	225	4090	0.346	ng	#	97
12) 2-Methylnaphthalene	12.423	142	14580	0.338	ng		99
16) Acenaphthylene	14.309	152	18339	0.321	ng		100
17) Acenaphthene	14.651	154	13391	0.346	ng		100
18) Fluorene	15.635	166	18205	0.343	ng		98
20) 4,6-Dinitro-2-methylph...	15.734	198	912	0.340	ng	#	72
21) 4-Bromophenyl-phenylether	16.529	248	5874	0.338	ng		99
22) Hexachlorobenzene	16.641	284	6917	0.351	ng		100
23) Atrazine	16.802	200	3516	0.296	ng		98
24) Pentachlorophenol	17.013	266	1777	0.426	ng		90
25) Phenanthrene	17.385	178	29420	0.343	ng		100
26) Anthracene	17.472	178	24104	0.322	ng		99
28) Fluoranthene	19.401	202	31611	0.325	ng		100
30) Pyrene	19.764	202	32110	0.362	ng		100
32) Benzo(a)anthracene	21.518	228	28417	0.337	ng		100
33) Chrysene	21.571	228	31420	0.356	ng		100
34) Bis(2-ethylhexyl)phtha...	21.437	149	12236	0.270	ng		99
36) Indeno(1,2,3-cd)pyrene	26.556	276	32582	0.327	ng		99
37) Benzo(b)fluoranthene	23.243	252	29349	0.341	ng		98
38) Benzo(k)fluoranthene	23.293	252	29264	0.343	ng		99
39) Benzo(a)pyrene	23.878	252	27187	0.330	ng		96
40) Dibenzo(a,h)anthracene	26.573	278	25557	0.326	ng		99
41) Benzo(g,h,i)perylene	27.345	276	27802	0.328	ng		99

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

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