Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036892.D
Acq On : 11 Apr 2025 23:33
Operator : RC/JU
Sample : PB167565BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167565BSD

Quant Time: Apr 12 00:01:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	383	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	935	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	512	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	1263	0.400	ng		0.00
29) Chrysene-d12	21.224	240	1400	0.400	ng	#	0.00
35) Perylene-d12	23.445	264	1606	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.235	112	444	0.493	ng		0.00
5) Phenol-d6	6.817	99	498	0.432	ng		0.00
8) Nitrobenzene-d5	8.792	82	384	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	601m	0.442	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	124	0.502	ng		0.00
15) 2-Fluorobiphenyl	12.909	172	1109	0.451	ng		0.00
27) Fluoranthene-d10	19.073	212	1577	0.443	ng		0.00
31) Terphenyl-d14	19.677	244	1153	0.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	180	0.405	ng	#	28
3) n-Nitrosodimethylamine	3.466	42	406	0.413	ng	#	96
6) bis(2-Chloroethyl)ether	7.069	93	418	0.370	ng		96
9) Naphthalene	10.468	128	1111	0.413	ng		95
10) Hexachlorobutadiene	10.767	225	262	0.429	ng	#	97
12) 2-Methylnaphthalene	12.097	142	721	0.416	ng		96
16) Acenaphthylene	13.999	152	1152	0.484	ng		98
17) Acenaphthene	14.352	154	731	0.472	ng		96
18) Fluorene	15.336	166	1033	0.484	ng		96
20) 4,6-Dinitro-2-methylph...	15.432	198	122	0.408	ng		97
21) 4-Bromophenyl-phenylether	16.239	248	327	0.432	ng		96
22) Hexachlorobenzene	16.351	284	372	0.416	ng		92
23) Atrazine	16.512	200	363	0.491	ng		94
24) Pentachlorophenol	16.686	266	355	0.757	ng		96
25) Phenanthrene	17.071	178	1707	0.451	ng		97
26) Anthracene	17.170	178	1603	0.475	ng		97
28) Fluoranthene	19.101	202	2222	0.466	ng		99
30) Pyrene	19.463	202	2339	0.442	ng		99
32) Benzo(a)anthracene	21.215	228	2255	0.456	ng		98
33) Chrysene	21.269	228	2535	0.465	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	1697	0.462	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.672	276	3700	0.483	ng		97
37) Benzo(b)fluoranthene	22.784	252	2667	0.468	ng		100
38) Benzo(k)fluoranthene	22.825	252	2840	0.494	ng		99
39) Benzo(a)pyrene	23.351	252	2534	0.507	ng		96
40) Dibenzo(a,h)anthracene	25.693	278	2949	0.484	ng		99
41) Benzo(g,h,i)perylene	26.357	276	3007	0.437	ng		99

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

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