Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
Data File : BN035999.D
Acq On : 20 Jan 2025 15:14
Operator : RC/JU
Sample : PB166108BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166108BSD

Quant Time: Jan 20 15:40:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	2639	0.400	ng		-0.02
7) Naphthalene-d8	10.611	136	5199	0.400	ng		#-0.01
13) Acenaphthene-d10	14.452	164	2411	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	4157	0.400	ng		-0.02
29) Chrysene-d12	21.367	240	3274	0.400	ng		-0.02
35) Perylene-d12	23.660	264	3543	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.398	112	2508	0.387	ng		-0.01
5) Phenol-d6	6.972	99	2821	0.351	ng		-0.01
8) Nitrobenzene-d5	8.956	82	2084	0.506	ng		-0.03
11) 2-Methylnaphthalene-d10	12.198	152	2798	0.402	ng		-0.02
14) 2,4,6-Tribromophenol	15.933	330	446	0.385	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	4533	0.428	ng		-0.02
27) Fluoranthene-d10	19.216	212	3942	0.382	ng		-0.02
31) Terphenyl-d14	19.815	244	2884	0.442	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	1031	0.393	ng	#	80
3) n-Nitrosodimethylamine	3.621	42	2072	0.453	ng		97
6) bis(2-Chloroethyl)ether	7.239	93	2858	0.467	ng		96
9) Naphthalene	10.654	128	6025	0.413	ng		97
10) Hexachlorobutadiene	10.953	225	1855	0.391	ng	#	99
12) 2-Methylnaphthalene	12.269	142	3657	0.405	ng		99
16) Acenaphthylene	14.164	152	4921	0.433	ng		99
17) Acenaphthene	14.506	154	3151	0.423	ng		99
18) Fluorene	15.500	166	3576	0.437	ng		98
20) 4,6-Dinitro-2-methylph...	15.560	198	250	0.346	ng		92
21) 4-Bromophenyl-phenylether	16.379	248	1245	0.437	ng		90
22) Hexachlorobenzene	16.504	284	1608	0.414	ng		96
23) Atrazine	16.653	200	882	0.461	ng	#	84
24) Pentachlorophenol	16.839	266	997	0.725	ng		99
25) Phenanthrene	17.223	178	5073	0.418	ng		99
26) Anthracene	17.323	178	4668	0.423	ng		99
28) Fluoranthene	19.248	202	5208	0.368	ng		99
30) Pyrene	19.611	202	5319	0.400	ng		99
32) Benzo(a)anthracene	21.349	228	4804	0.416	ng		98
33) Chrysene	21.403	228	4961	0.411	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	2475	0.527	ng		97
36) Indeno(1,2,3-cd)pyrene	25.996	276	6118	0.438	ng		98
37) Benzo(b)fluoranthene	22.967	252	4965	0.408	ng	#	95
38) Benzo(k)fluoranthene	23.014	252	5132	0.426	ng		97
39) Benzo(a)pyrene	23.561	252	4695	0.446	ng		98
40) Dibenzo(a,h)anthracene	26.011	278	4789	0.431	ng		100
41) Benzo(g,h,i)perylene	26.712	276	4823	0.388	ng		96

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

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