Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036893.D
Acq On : 12 Apr 2025 00:09
Operator : RC/JU
Sample : PB167519BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167519BS

Quant Time: Apr 12 01:02:00 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	385	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	924	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	537	0.400	ng		0.00
19) Phenanthrene-d10	17.034	188	1271	0.400	ng		0.00
29) Chrysene-d12	21.224	240	1512	0.400	ng		0.00
35) Perylene-d12	23.445	264	1791	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.235	112	407	0.449	ng		0.00
5) Phenol-d6	6.817	99	472	0.408	ng		0.00
8) Nitrobenzene-d5	8.792	82	368	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	529m	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	109	0.421	ng		0.00
15) 2-Fluorobiphenyl	12.909	172	995	0.386	ng		0.00
27) Fluoranthene-d10	19.073	212	1452	0.406	ng		0.00
31) Terphenyl-d14	19.677	244	1073	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	153	0.343	ng	#	4
3) n-Nitrosodimethylamine	3.466	42	397	0.401	ng	#	97
6) bis(2-Chloroethyl)ether	7.069	93	400	0.352	ng		89
9) Naphthalene	10.468	128	1047	0.394	ng		95
10) Hexachlorobutadiene	10.767	225	244	0.405	ng	#	94
12) 2-Methylnaphthalene	12.092	142	665	0.389	ng		95
16) Acenaphthylene	13.999	152	1080	0.433	ng		98
17) Acenaphthene	14.352	154	683	0.420	ng		95
18) Fluorene	15.336	166	926	0.413	ng		98
20) 4,6-Dinitro-2-methylph...	15.432	198	106	0.352	ng		90
21) 4-Bromophenyl-phenylether	16.239	248	306	0.402	ng		96
22) Hexachlorobenzene	16.351	284	326	0.362	ng		95
23) Atrazine	16.512	200	336	0.451	ng		92
24) Pentachlorophenol	16.686	266	255	0.540	ng		94
25) Phenanthrene	17.071	178	1640	0.430	ng		98
26) Anthracene	17.170	178	1442	0.424	ng		99
28) Fluoranthene	19.101	202	2078	0.433	ng		99
30) Pyrene	19.463	202	2228	0.390	ng		100
32) Benzo(a)anthracene	21.216	228	2203	0.412	ng		99
33) Chrysene	21.260	228	2419	0.411	ng		98
34) Bis(2-ethylhexyl)phtha...	21.153	149	1579	0.398	ng		99
36) Indeno(1,2,3-cd)pyrene	25.675	276	3583	0.419	ng		98
37) Benzo(b)fluoranthene	22.781	252	2550	0.401	ng		100
38) Benzo(k)fluoranthene	22.825	252	2836m	0.442	ng		
39) Benzo(a)pyrene	23.348	252	2486	0.446	ng		95
40) Dibenzo(a,h)anthracene	25.690	278	2821	0.416	ng		99
41) Benzo(g,h,i)perylene	26.354	276	2977	0.388	ng		98

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

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