Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036328.D
Acq On : 06 Feb 2025 10:27
Operator : RC/JU
Sample : PB166419BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166419BSD

Quant Time: Feb 06 11:37:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	2144	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4537	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2141	0.400	ng	0.00
19) Phenanthrene-d10	17.161	188	3969	0.400	ng	# 0.00
29) Chrysene-d12	21.340	240	3671	0.400	ng	0.00
35) Perylene-d12	23.630	264	3973	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	2094	0.375	ng	0.00
5) Phenol-d6	6.952	99	2296	0.351	ng	0.00
8) Nitrobenzene-d5	8.918	82	1858	0.434	ng	-0.01
11) 2-Methylnaphthalene-d10	12.157	152	3388	0.549	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	297	0.216	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	3672	0.384	ng	0.00
27) Fluoranthene-d10	19.188	212	4292	0.417	ng	0.00
31) Terphenyl-d14	19.787	244	3413	0.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	901	0.376	ng	# 51
3) n-Nitrosodimethylamine	3.586	42	1670	0.384	ng	# 80
6) bis(2-Chloroethyl)ether	7.197	93	2568	0.487	ng	99
9) Naphthalene	10.616	128	5426	0.412	ng	98
10) Hexachlorobutadiene	10.904	225	1496	0.351	ng	# 96
12) 2-Methylnaphthalene	12.228	142	3308	0.405	ng	98
16) Acenaphthylene	14.131	152	4224	0.416	ng	99
17) Acenaphthene	14.473	154	2821	0.406	ng	97
18) Fluorene	15.457	166	3481	0.400	ng	97
20) 4,6-Dinitro-2-methylph...	15.547	198	140	0.151	ng	# 20
21) 4-Bromophenyl-phenylether	16.354	248	1024	0.362	ng	# 91
22) Hexachlorobenzene	16.466	284	1392	0.374	ng	99
23) Atrazine	16.627	200	765	0.374	ng	96
24) Pentachlorophenol	16.814	266	702	0.436	ng	95
25) Phenanthrene	17.198	178	4971	0.417	ng	99
26) Anthracene	17.285	178	4469	0.412	ng	99
28) Fluoranthene	19.220	202	5718	0.408	ng	97
30) Pyrene	19.582	202	5943	0.400	ng	99
32) Benzo(a)anthracene	21.331	228	5417	0.407	ng	99
33) Chrysene	21.376	228	5824	0.428	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	2749	0.377	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.943	276	6795	0.426	ng	96
37) Benzo(b)fluoranthene	22.938	252	5743	0.398	ng	# 92
38) Benzo(k)fluoranthene	22.984	252	5883	0.404	ng	# 89
39) Benzo(a)pyrene	23.528	252	5274	0.428	ng	# 88
40) Dibenzo(a,h)anthracene	25.964	278	5267	0.414	ng	94
41) Benzo(g,h,i)perylene	26.656	276	5646	0.408	ng	96

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

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