Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036326.D
Acq On : 06 Feb 2025 09:15
Operator : RC/JU
Sample : PB166533BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166533BS

Quant Time: Feb 06 09:44:20 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	7.775	152	2094	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	4542	0.400	ng		# 0.00
13) Acenaphthene-d10	14.409	164	2195	0.400	ng		0.00
19) Phenanthrene-d10	17.161	188	4114	0.400	ng		# 0.00
29) Chrysene-d12	21.340	240	3845	0.400	ng		# 0.00
35) Perylene-d12	23.627	264	4110	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	2027	0.372	ng		0.00
5) Phenol-d6	6.952	99	2239	0.350	ng		0.00
8) Nitrobenzene-d5	8.918	82	1792	0.418	ng		-0.01
11) 2-Methylnaphthalene-d10	12.156	152	3318	0.537	ng		0.00
14) 2,4,6-Tribromophenol	15.907	330	314	0.223	ng		0.00
15) 2-Fluorobiphenyl	13.041	172	3563	0.364	ng		0.00
27) Fluoranthene-d10	19.187	212	4309	0.404	ng		0.00
31) Terphenyl-d14	19.791	244	3165	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	883	0.377	ng	#	62
3) n-Nitrosodimethylamine	3.593	42	1575	0.371	ng	#	82
6) bis(2-Chloroethyl)ether	7.197	93	2506	0.487	ng		98
9) Naphthalene	10.616	128	5279	0.400	ng		98
10) Hexachlorobutadiene	10.904	225	1461	0.343	ng	#	98
12) 2-Methylnaphthalene	12.233	142	3265	0.399	ng		98
16) Acenaphthylene	14.131	152	4187	0.402	ng		100
17) Acenaphthene	14.473	154	2815	0.395	ng		98
18) Fluorene	15.457	166	3530	0.395	ng		98
20) 4,6-Dinitro-2-methylph...	15.547	198	147	0.153	ng	#	15
21) 4-Bromophenyl-phenylether	16.354	248	1037	0.354	ng	#	88
22) Hexachlorobenzene	16.466	284	1358	0.352	ng		99
23) Atrazine	16.627	200	751	0.355	ng		95
24) Pentachlorophenol	16.826	266	787	0.471	ng		98
25) Phenanthrene	17.198	178	4977	0.403	ng		98
26) Anthracene	17.285	178	4467	0.397	ng		99
28) Fluoranthene	19.220	202	5654	0.389	ng		98
30) Pyrene	19.582	202	5883	0.378	ng		99
32) Benzo(a)anthracene	21.331	228	5386	0.386	ng		99
33) Chrysene	21.375	228	5823	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	2780	0.364	ng		98
36) Indeno(1,2,3-cd)pyrene	25.946	276	6801	0.412	ng		96
37) Benzo(b)fluoranthene	22.940	252	5874	0.393	ng	#	92
38) Benzo(k)fluoranthene	22.984	252	5840	0.388	ng	#	90
39) Benzo(a)pyrene	23.528	252	5255	0.412	ng	#	88
40) Dibenzo(a,h)anthracene	25.963	278	5207	0.396	ng		96
41) Benzo(g,h,i)perylene	26.650	276	5607	0.391	ng		95

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

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