Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036806.D
Acq On : 29 Mar 2025 11:45
Operator : RC/JU
Sample : PB167269BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167269BS

Quant Time: Mar 31 02:00:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1846	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4665	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2569	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	5013	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3219	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	1389	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2250	0.523	ng	-0.02
5) Phenol-d6	6.872	99	2724	0.513	ng	-0.03
8) Nitrobenzene-d5	8.843	82	2129	0.420	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2800	0.404	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	579	0.497	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	6897	0.461	ng	-0.03
27) Fluoranthene-d10	19.118	212	5761	0.448	ng	-0.02
31) Terphenyl-d14	19.722	244	3774	0.489	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	783	0.382	ng	# 17
3) n-Nitrosodimethylamine	3.528	42	2291	0.553	ng	# 90
6) bis(2-Chloroethyl)ether	7.125	93	2493	0.454	ng	96
9) Naphthalene	10.530	128	6375	0.465	ng	99
10) Hexachlorobutadiene	10.819	225	1506	0.466	ng	# 99
12) 2-Methylnaphthalene	12.146	142	4161	0.477	ng	98
16) Acenaphthylene	14.056	152	5803	0.479	ng	100
17) Acenaphthene	14.398	154	3970	0.500	ng	100
18) Fluorene	15.382	166	5559	0.518	ng	97
20) 4,6-Dinitro-2-methylph...	15.478	198	574	0.592	ng	# 65
21) 4-Bromophenyl-phenylether	16.280	248	1618	0.515	ng	93
22) Hexachlorobenzene	16.391	284	1869	0.493	ng	95
24) Pentachlorophenol	16.739	266	1681	0.972	ng	99
25) Phenanthrene	17.124	178	7972	0.530	ng	99
26) Anthracene	17.211	178	7103	0.523	ng	99
28) Fluoranthene	19.146	202	8378	0.496	ng	98
30) Pyrene	19.508	202	7829	0.497	ng	100
32) Benzo(a)anthracene	21.259	228	5730	0.512	ng	99
33) Chrysene	21.313	228	7035	0.575	ng	100
34) Bis(2-ethylhexyl)phtha...	21.196	149	4222	0.530	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.782	276	4352	0.868	ng	# 82
37) Benzo(b)fluoranthene	22.841	252	5186	1.026	ng	# 92
38) Benzo(k)fluoranthene	22.885	252	5229	0.986	ng	# 94
39) Benzo(a)pyrene	23.420	252	3277	0.770	ng	95
40) Dibenzo(a,h)anthracene	25.800	278	3999	1.025	ng	94
41) Benzo(g,h,i)perylene	26.472	276	3464	0.776	ng	97

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

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