Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120424\
Data File : BN035409.D
Acq On : 03 Dec 2024 18:48
Operator : RC/JU
Sample : PB165348BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165348BSD

Quant Time: Dec 03 22:05:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1951	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4691	0.400	ng	# 0.00
13) Acenaphthene-d10	13.957	164	3099	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	7726	0.400	ng	#-0.01
29) Chrysene-d12	20.974	240	7120	0.400	ng	0.00
35) Perylene-d12	23.064	264	6595	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.961	112	1884	0.386	ng	0.00
5) Phenol-d6	6.506	99	2126	0.362	ng	0.00
8) Nitrobenzene-d5	8.440	82	1454	0.507	ng	0.00
11) 2-Methylnaphthalene-d10	11.651	152	4161	0.567	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	556	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.569	172	5400	0.461	ng	0.00
27) Fluoranthene-d10	18.780	212	9439	0.431	ng	0.00
31) Terphenyl-d14	19.412	244	6956	0.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	759	0.407	ng	# 80
3) n-Nitrosodimethylamine	3.285	42	676	0.435	ng	# 97
6) bis(2-Chloroethyl)ether	6.752	93	2039	0.413	ng	99
9) Naphthalene	10.095	128	5234	0.423	ng	99
10) Hexachlorobutadiene	10.394	225	1303	0.457	ng	# 99
12) 2-Methylnaphthalene	11.727	142	3629	0.410	ng	99
16) Acenaphthylene	13.668	152	5859	0.450	ng	99
17) Acenaphthene	14.021	154	3729	0.432	ng	100
18) Fluorene	15.026	166	5251	0.425	ng	100
20) 4,6-Dinitro-2-methylph...	15.133	198	293	0.386	ng	89
21) 4-Bromophenyl-phenylether	15.929	248	1930	0.427	ng	# 77
22) Hexachlorobenzene	16.040	284	2303	0.434	ng	99
23) Atrazine	16.227	200	1258	0.391	ng	97
24) Pentachlorophenol	16.388	266	1409	0.610	ng	# 85
25) Phenanthrene	16.760	178	9175	0.432	ng	100
26) Anthracene	16.860	178	8313	0.433	ng	99
28) Fluoranthene	18.813	202	11171	0.390	ng	99
30) Pyrene	19.180	202	11404	0.434	ng	100
32) Benzo(a)anthracene	20.956	228	10285	0.413	ng	99
33) Chrysene	21.009	228	11567	0.450	ng	99
34) Bis(2-ethylhexyl)phtha...	20.929	149	3938	0.400	ng	99
36) Indeno(1,2,3-cd)pyrene	25.102	276	10891	0.422	ng	98
37) Benzo(b)fluoranthene	22.451	252	15594	0.646	ng	100
38) Benzo(k)fluoranthene	22.491	252	11076	0.466	ng	98
39) Benzo(a)pyrene	22.974	252	8981	0.452	ng	98
40) Dibenzo(a,h)anthracene	25.123	278	8366	0.411	ng	98
41) Benzo(g,h,i)perylene	25.719	276	8782	0.413	ng	100

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

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