Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035072.D
Acq On : 13 Nov 2024 18:38
Operator : RC/JU
Sample : PB164785BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164785BSD

Quant Time: Nov 14 02:06:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 17:18:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2529	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	5952	0.400	ng	0.00
13) Acenaphthene-d10	14.186	164	4350	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	12047	0.400	ng	0.00
29) Chrysene-d12	21.131	240	12506	0.400	ng	# 0.00
35) Perylene-d12	23.301	264	13065	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1833	0.286	ng	0.00
5) Phenol-d6	6.737	99	2242	0.279	ng	0.00
8) Nitrobenzene-d5	8.696	82	1561	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	11.912	152	3950	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	740	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	5307	0.300	ng	0.00
27) Fluoranthene-d10	18.976	212	10552	0.286	ng	0.00
31) Terphenyl-d14	19.584	244	8336	0.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	616	0.268	ng	# 57
3) n-Nitrosodimethylamine	3.466	42	622	0.291	ng	# 84
6) bis(2-Chloroethyl)ether	6.990	93	1860	0.308	ng	98
9) Naphthalene	10.362	128	4760	0.306	ng	98
10) Hexachlorobutadiene	10.661	225	1409	0.309	ng	# 99
12) 2-Methylnaphthalene	11.988	142	3367	0.294	ng	99
16) Acenaphthylene	13.898	152	5590	0.301	ng	100
17) Acenaphthene	14.251	154	3555	0.292	ng	99
18) Fluorene	15.245	166	5161	0.288	ng	99
20) 4,6-Dinitro-2-methylph...	15.330	198	656	0.262	ng	# 86
21) 4-Bromophenyl-phenylether	16.145	248	2157	0.281	ng	99
22) Hexachlorobenzene	16.244	284	2166	0.272	ng	98
23) Atrazine	16.418	200	1921	0.279	ng	99
24) Pentachlorophenol	16.592	266	1552	0.417	ng	98
25) Phenanthrene	16.977	178	9528	0.301	ng	99
26) Anthracene	17.064	178	8746	0.300	ng	98
28) Fluoranthene	19.004	202	12388	0.284	ng	100
30) Pyrene	19.366	202	12807	0.308	ng	100
32) Benzo(a)anthracene	21.122	228	12448	0.286	ng	99
33) Chrysene	21.167	228	13004	0.301	ng	98
34) Bis(2-ethylhexyl)phtha...	21.077	149	5253	0.230	ng	100
36) Indeno(1,2,3-cd)pyrene	25.447	276	14939	0.287	ng	100
37) Benzo(b)fluoranthene	22.655	252	13004	0.296	ng	97
38) Benzo(k)fluoranthene	22.698	252	12919	0.294	ng	98
39) Benzo(a)pyrene	23.204	252	11655	0.301	ng	97
40) Dibenzo(a,h)anthracene	25.464	278	11767	0.285	ng	96
41) Benzo(g,h,i)perylene	26.099	276	11762	0.268	ng	99

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

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