Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029977.D
Acq On : 24 Feb 2024 04:41
Operator : MA/JU
Sample : P1507-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

Quant Time: Feb 24 05:07:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	3764	0.400	ng		-0.01
7) Naphthalene-d8	10.648	136	10031	0.400	ng		#-0.02
13) Acenaphthene-d10	14.500	164	4861	0.400	ng		-0.01
19) Phenanthrene-d10	17.255	188	9471	0.400	ng		0.00
29) Chrysene-d12	21.456	240	9768	0.400	ng		# 0.00
35) Perylene-d12	23.818	264	9969	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	1328	0.147	ng		0.00
5) Phenol-d6	7.031	99	1191	0.114	ng		0.00
8) Nitrobenzene-d5	9.014	82	3525	0.422	ng		-0.02
11) 2-Methylnaphthalene-d10	12.246	152	5283	0.387	ng		-0.01
14) 2,4,6-Tribromophenol	16.002	330	734	0.471	ng		0.00
15) 2-Fluorobiphenyl	13.121	172	8358	0.401	ng		-0.01
27) Fluoranthene-d10	19.289	212	12832	0.559	ng		0.00
31) Terphenyl-d14	19.893	244	11127	0.459	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	10343	1.952	ng	#	87
25) Phenanthrene	17.293	178	1005	0.036	ng		97
26) Anthracene	17.392	178	594	0.025	ng	#	94
28) Fluoranthene	19.317	202	1849	0.059	ng	#	47
30) Pyrene	19.680	202	2135	0.047	ng		97
32) Benzo(a)anthracene	21.438	228	1716	0.051	ng		92
33) Chrysene	21.492	228	1917	0.051	ng	#	91
34) Bis(2-ethylhexyl)phtha...	21.384	149	19441	0.855	ng		99
36) Indeno(1,2,3-cd)pyrene	26.276	276	2278	0.057	ng	#	86
37) Benzo(b)fluoranthene	23.104	252	2393	0.067	ng	#	34
38) Benzo(k)fluoranthene	23.151	252	2391	0.064	ng	#	24
39) Benzo(a)pyrene	23.712	252	1334	0.043	ng	#	1
40) Dibenzo(a,h)anthracene	26.303	278	1805	0.057	ng	#	31
41) Benzo(g,h,i)perylene	27.016	276	2145	0.055	ng	#	77

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

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