Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030662.D
Acq On : 04 Apr 2024 15:52
Operator : MA/JU
Sample : PB159971BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159971BS

Quant Time: Apr 04 16:23:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.697	152	7673	0.400	ng		0.00
7) Naphthalene-d8	10.474	136	22957	0.400	ng		-0.01
13) Acenaphthene-d10	14.327	164	14324	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	32524	0.400	ng		#-0.01
29) Chrysene-d12	21.276	240	26947	0.400	ng		# 0.00
35) Perylene-d12	23.524	264	24632	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	8133	0.487	ng		-0.01
5) Phenol-d6	6.859	99	10015	0.466	ng		-0.01
8) Nitrobenzene-d5	8.841	82	7346	0.455	ng		-0.01
11) 2-Methylnaphthalene-d10	12.070	152	14353	0.409	ng		-0.01
14) 2,4,6-Tribromophenol	15.824	330	2972	0.549	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	19269	0.348	ng		-0.02
27) Fluoranthene-d10	19.121	212	34188	0.390	ng		0.00
31) Terphenyl-d14	19.725	244	26706	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	3508	0.379	ng		98
3) n-Nitrosodimethylamine	3.537	42	3738	0.418	ng		95
6) bis(2-Chloroethyl)ether	7.126	93	8629	0.407	ng		96
9) Naphthalene	10.528	128	24622	0.387	ng		100
10) Hexachlorobutadiene	10.805	225	5072	0.390	ng	#	99
12) 2-Methylnaphthalene	12.141	142	16844	0.403	ng		98
16) Acenaphthylene	14.049	152	25129	0.387	ng		100
17) Acenaphthene	14.391	154	16590	0.369	ng		98
18) Fluorene	15.385	166	22100	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.460	198	1153	0.402	ng	#	67
21) 4-Bromophenyl-phenylether	16.283	248	7336	0.373	ng	#	68
22) Hexachlorobenzene	16.382	284	8209	0.350	ng		99
23) Atrazine	16.556	200	6769	0.473	ng	#	92
24) Pentachlorophenol	16.730	266	3861	0.570	ng		97
25) Phenanthrene	17.127	178	34879	0.362	ng		100
26) Anthracene	17.214	178	31647	0.391	ng		100
28) Fluoranthene	19.149	202	42764	0.373	ng		100
30) Pyrene	19.511	202	44581	0.423	ng		100
32) Benzo(a)anthracene	21.267	228	39482	0.414	ng		98
33) Chrysene	21.312	228	37453	0.366	ng		99
34) Bis(2-ethylhexyl)phtha...	21.204	149	29710	0.718	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.790	276	34529	0.317	ng		99
37) Benzo(b)fluoranthene	22.846	252	36206	0.361	ng		98
38) Benzo(k)fluoranthene	22.893	252	34959	0.348	ng		98
39) Benzo(a)pyrene	23.422	252	30057	0.375	ng		96
40) Dibenzo(a,h)anthracene	25.805	278	27726	0.321	ng		98
41) Benzo(g,h,i)perylene	26.477	276	29018	0.312	ng		98

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

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