Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028346.D
Acq On : 23 Oct 2023 15:17
Operator : MA/JU
Sample : PB156364BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156364BS

Quant Time: Oct 23 16:05:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.886	152	3348	0.400	ng		0.00
7) Naphthalene-d8	10.703	136	10469	0.400	ng	#	0.00
13) Acenaphthene-d10	14.534	164	6105	0.400	ng		0.00
19) Phenanthrene-d10	17.294	188	13898	0.400	ng	#	0.00
29) Chrysene-d12	21.489	240	10642	0.400	ng		0.00
35) Perylene-d12	23.943	264	9101	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.437	112	3179	0.306	ng		0.00
5) Phenol-d6	7.077	99	3919	0.306	ng		0.02
8) Nitrobenzene-d5	9.102	82	3010	0.324	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	8221	0.522	ng		0.00
14) 2,4,6-Tribromophenol	16.065	330	742	0.249	ng		0.00
15) 2-Fluorobiphenyl	13.165	172	8507	0.396	ng		0.00
27) Fluoranthene-d10	19.333	212	12827	0.345	ng		0.00
31) Terphenyl-d14	19.923	244	10444	0.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1231	0.304	ng	#	75
3) n-Nitrosodimethylamine	3.661	42	1766	0.400	ng	#	91
6) bis(2-Chloroethyl)ether	7.337	93	3554	0.360	ng		93
9) Naphthalene	10.757	128	10536	0.388	ng		99
10) Hexachlorobutadiene	10.960	225	1781	0.382	ng	#	100
12) 2-Methylnaphthalene	12.374	142	6707	0.348	ng		98
16) Acenaphthylene	14.266	152	9325	0.340	ng		99
17) Acenaphthene	14.598	154	6568	0.380	ng		97
18) Fluorene	15.593	166	8979	0.395	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	276	0.461	ng	#	1
21) 4-Bromophenyl-phenylether	16.487	248	2483	0.347	ng	#	95
22) Hexachlorobenzene	16.562	284	2623	0.356	ng		97
23) Atrazine	16.773	200	2017	0.301	ng		99
25) Phenanthrene	17.331	178	14393	0.378	ng		100
26) Anthracene	17.430	178	11808	0.325	ng		100
28) Fluoranthene	19.360	202	15566	0.326	ng		98
30) Pyrene	19.727	202	15601	0.428	ng		100
32) Benzo(a)anthracene	21.480	228	12759	0.337	ng		98
33) Chrysene	21.533	228	13904	0.384	ng		98
34) Bis(2-ethylhexyl)phtha...	21.345	149	6032	0.209	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.522	276	12922	0.352	ng		100
37) Benzo(b)fluoranthene	23.183	252	12318	0.433	ng		96
38) Benzo(k)fluoranthene	23.236	252	12083	0.418	ng		96
39) Benzo(a)pyrene	23.835	252	10162	0.359	ng		94
40) Dibenzo(a,h)anthracene	26.533	278	10806	0.363	ng		96
41) Benzo(g,h,i)perylene	27.323	276	11296	0.367	ng		97

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

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