Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028281.D
Acq On : 13 Oct 2023 17:05
Operator : MA/JU
Sample : PB156366BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Quant Time: Oct 13 17:36:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3611	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11195	0.400	ng	#-0.01
13) Acenaphthene-d10	14.533	164	6441	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	14860	0.400	ng	#-0.01
29) Chrysene-d12	21.497	240	12889	0.400	ng	# 0.00
35) Perylene-d12	23.949	264	13730	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	4081	0.364	ng	0.00
5) Phenol-d6	7.069	99	4852	0.351	ng	0.01
8) Nitrobenzene-d5	9.102	82	3436	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.298	152	7701	0.458	ng	0.00
14) 2,4,6-Tribromophenol	16.052	330	1071	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	9026	0.398	ng	0.00
27) Fluoranthene-d10	19.332	212	14897	0.375	ng	0.00
31) Terphenyl-d14	19.922	244	12530	0.458	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1303	0.299	ng	# 60
3) n-Nitrosodimethylamine	3.660	42	1789	0.375	ng	100
6) bis(2-Chloroethyl)ether	7.337	93	3768	0.354	ng	99
9) Naphthalene	10.757	128	11275	0.388	ng	100
10) Hexachlorobutadiene	10.970	225	1929	0.387	ng	# 98
12) 2-Methylnaphthalene	12.373	142	7300	0.354	ng	99
16) Acenaphthylene	14.266	152	11044	0.382	ng	99
17) Acenaphthene	14.598	154	7102	0.389	ng	100
18) Fluorene	15.593	166	9582	0.399	ng	99
20) 4,6-Dinitro-2-methylph...	15.730	198	329	0.490	ng	92
21) 4-Bromophenyl-phenylether	16.487	248	2897	0.379	ng	99
22) Hexachlorobenzene	16.561	284	3153	0.400	ng	93
23) Atrazine	16.760	200	2642	0.368	ng	97
24) Pentachlorophenol	16.934	266	15912	4.423	ng	95
25) Phenanthrene	17.343	178	15795	0.388	ng	100
26) Anthracene	17.430	178	14007	0.361	ng	100
28) Fluoranthene	19.365	202	18262	0.357	ng	99
30) Pyrene	19.732	202	18671	0.423	ng	99
32) Benzo(a)anthracene	21.479	228	17477	0.382	ng	98
33) Chrysene	21.533	228	17674	0.403	ng	98
34) Bis(2-ethylhexyl)phtha...	21.354	149	10345	0.296	ng	99
36) Indeno(1,2,3-cd)pyrene	26.525	276	20306	0.367	ng	100
37) Benzo(b)fluoranthene	23.189	252	17619	0.411	ng	97
38) Benzo(k)fluoranthene	23.238	252	17312	0.397	ng	97
39) Benzo(a)pyrene	23.841	252	15753	0.369	ng	98
40) Dibenzo(a,h)anthracene	26.539	278	16491	0.367	ng	97
41) Benzo(g,h,i)perylene	27.331	276	16613	0.358	ng	99

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

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