Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027115.D
Acq On : 25 Aug 2023 11:45
Operator : MA/JU
Sample : PB154868BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154868BS

Quant Time: Aug 26 02:15:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	6770	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	17119	0.400	ng	#	0.00
13) Acenaphthene-d10	14.705	164	10848	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	23783	0.400	ng	#	0.00
29) Chrysene-d12	21.632	240	20981	0.400	ng		0.00
35) Perylene-d12	24.171	264	21153	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.603	112	6716	0.352	ng		0.00
5) Phenol-d6	7.221	99	7941	0.337	ng		0.00
8) Nitrobenzene-d5	9.273	82	4913	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.483	152	10077	0.370	ng		0.00
14) 2,4,6-Tribromophenol	16.202	330	1612	0.279	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	16013	0.398	ng		0.00
27) Fluoranthene-d10	19.477	212	23625	0.387	ng		0.00
31) Terphenyl-d14	20.062	244	16455	0.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3391	0.466	ng		93
3) n-Nitrosodimethylamine	3.812	42	3244	0.400	ng	#	97
6) bis(2-Chloroethyl)ether	7.510	93	7657	0.386	ng		98
9) Naphthalene	10.960	128	17620	0.391	ng		100
10) Hexachlorobutadiene	11.194	225	3773	0.410	ng	#	100
12) 2-Methylnaphthalene	12.555	142	13224	0.376	ng		100
16) Acenaphthylene	14.437	152	19853	0.384	ng		100
17) Acenaphthene	14.769	154	12605	0.394	ng		99
18) Fluorene	15.755	166	16594	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	16.909	198	148	0.397	ng	#	24
21) 4-Bromophenyl-phenylether	16.648	248	5170	0.381	ng		97
22) Hexachlorobenzene	16.723	284	6191	0.427	ng		100
23) Atrazine	16.909	200	4010	0.332	ng		96
24) Pentachlorophenol	17.083	266	2091	0.286	ng		97
25) Phenanthrene	17.505	178	27083	0.396	ng		100
26) Anthracene	17.592	178	23160	0.363	ng		100
28) Fluoranthene	19.509	202	32039	0.396	ng		99
30) Pyrene	19.871	202	32951	0.408	ng		100
32) Benzo(a)anthracene	21.614	228	27990	0.370	ng		100
33) Chrysene	21.668	228	30892	0.404	ng		100
34) Bis(2-ethylhexyl)phtha...	21.498	149	15867	0.291	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.843	276	29225	0.337	ng		99
37) Benzo(b)fluoranthene	23.382	252	29757	0.420	ng		95
38) Benzo(k)fluoranthene	23.434	252	28969	0.398	ng		96
39) Benzo(a)pyrene	24.054	252	27228	0.384	ng	#	94
40) Dibenzo(a,h)anthracene	26.878	278	23020	0.334	ng		97
41) Benzo(g,h,i)perylene	27.682	276	25860	0.348	ng		97

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

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