Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027613.D
Acq On : 12 Sep 2023 16:56
Operator : MA/JU
Sample : PB155426BSD
Misc :
ALS Vial : 115 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155426BSD

Quant Time: Sep 12 17:27:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6291	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16871	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7813	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	15662	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	11300	0.400	ng	0.00
35) Perylene-d12	24.095	264	10400	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	7043	0.429	ng	0.00
5) Phenol-d6	7.185	99	8054	0.404	ng	0.00
8) Nitrobenzene-d5	9.230	82	5616	0.457	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	8901	0.359	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	935	0.323	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	12675	0.427	ng	0.00
27) Fluoranthene-d10	19.435	212	13328	0.342	ng	0.00
31) Terphenyl-d14	20.020	244	9271	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3115	0.406	ng	# 89
3) n-Nitrosodimethylamine	3.819	42	3394	0.417	ng	92
6) bis(2-Chloroethyl)ether	7.466	93	7604	0.394	ng	99
9) Naphthalene	10.906	128	18694	0.406	ng	100
10) Hexachlorobutadiene	11.130	225	3604	0.420	ng	# 99
12) 2-Methylnaphthalene	12.502	142	11479	0.351	ng	99
16) Acenaphthylene	14.394	152	12861	0.362	ng	99
17) Acenaphthene	14.726	154	9207	0.388	ng	99
18) Fluorene	15.705	166	11491	0.363	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	80	0.359	ng	78
21) 4-Bromophenyl-phenylether	16.599	248	3351	0.406	ng	97
22) Hexachlorobenzene	16.685	284	3855	0.393	ng	99
23) Atrazine	16.859	200	2182	0.353	ng	96
24) Pentachlorophenol	17.045	266	1212	0.322	ng	98
25) Phenanthrene	17.455	178	17253	0.375	ng	100
26) Anthracene	17.542	178	14369	0.367	ng	100
28) Fluoranthene	19.467	202	18233	0.337	ng	100
30) Pyrene	19.829	202	18294	0.407	ng	100
32) Benzo(a)anthracene	21.569	228	15178	0.392	ng	99
33) Chrysene	21.632	228	16576	0.389	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	6139	0.328	ng	98
36) Indeno(1,2,3-cd)pyrene	26.741	276	16745	0.397	ng	100
37) Benzo(b)fluoranthene	23.317	252	15328	0.381	ng	97
38) Benzo(k)fluoranthene	23.367	252	15147	0.366	ng	98
39) Benzo(a)pyrene	23.987	252	13429	0.357	ng	94
40) Dibenzo(a,h)anthracene	26.758	278	13766	0.416	ng	98
41) Benzo(g,h,i)perylene	27.557	276	15459	0.403	ng	99

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

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