Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027252.D
Acq On : 29 Aug 2023 22:57
Operator : MA/JU
Sample : PB155046BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155046BS

Quant Time: Aug 30 01:25:21 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 Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3837	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	11134	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6762	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	15979	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13218	0.400	ng	# 0.00
35) Perylene-d12	24.150	264	12564	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	3748	0.375	ng	0.00
5) Phenol-d6	7.206	99	4573	0.376	ng	0.00
8) Nitrobenzene-d5	9.262	82	3033	0.374	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	6398	0.391	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	874	0.349	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	9823	0.382	ng	0.00
27) Fluoranthene-d10	19.467	212	15605	0.393	ng	0.00
31) Terphenyl-d14	20.052	244	10220	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	1900	0.406	ng	# 91
3) n-Nitrosodimethylamine	3.805	42	2153	0.433	ng	92
6) bis(2-Chloroethyl)ether	7.495	93	4695	0.399	ng	97
9) Naphthalene	10.949	128	12142	0.400	ng	99
10) Hexachlorobutadiene	11.173	225	2266	0.400	ng	# 100
12) 2-Methylnaphthalene	12.540	142	8319	0.385	ng	99
16) Acenaphthylene	14.427	152	11681	0.379	ng	99
17) Acenaphthene	14.758	154	8279	0.403	ng	99
18) Fluorene	15.742	166	11162	0.407	ng	99
20) 4,6-Dinitro-2-methylph...	16.897	198	92	0.404	ng	78
21) 4-Bromophenyl-phenylether	16.636	248	3156	0.375	ng	97
22) Hexachlorobenzene	16.710	284	4024	0.402	ng	99
23) Atrazine	16.897	200	2334	0.370	ng	99
24) Pentachlorophenol	17.070	266	1288	0.335	ng	98
25) Phenanthrene	17.492	178	18564	0.395	ng	100
26) Anthracene	17.579	178	14847	0.372	ng	100
28) Fluoranthene	19.495	202	21619	0.391	ng	99
30) Pyrene	19.862	202	22029	0.419	ng	100
32) Benzo(a)anthracene	21.605	228	17318	0.382	ng	99
33) Chrysene	21.659	228	20573	0.413	ng	99
34) Bis(2-ethylhexyl)phtha...	21.479	149	8049	0.368	ng	96
36) Indeno(1,2,3-cd)pyrene	26.826	276	18829	0.369	ng	99
37) Benzo(b)fluoranthene	23.358	252	19659	0.404	ng	98
38) Benzo(k)fluoranthene	23.417	252	19144	0.383	ng	99
39) Benzo(a)pyrene	24.034	252	16884	0.371	ng	97
40) Dibenzo(a,h)anthracene	26.855	278	14804	0.370	ng	98
41) Benzo(g,h,i)perylene	27.656	276	17911	0.386	ng	99

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

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