Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026745.D
Acq On : 25 Jul 2023 13:29
Operator : MA/JU
Sample : PB153977BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Jul 25 15:33:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB153977BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	1317	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	3875	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	2882	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	5654	0.400	ng	# 0.00
29) Chrysene-d12	21.417	240	4299	0.400	ng	# 0.00
35) Perylene-d12	23.791	264	5265	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	813	0.254	ng	0.02
5) Phenol-d6	7.055	99	1038	0.255	ng	0.01
8) Nitrobenzene-d5	9.059	82	935	0.282	ng	0.02
11) 2-Methylnaphthalene-d10	12.230	152	3083	0.544	ng	0.00
14) 2,4,6-Tribromophenol	15.990	330	349	0.333	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	3887	0.349	ng	0.00
27) Fluoranthene-d10	19.253	212	5377	0.449	ng	0.00
31) Terphenyl-d14	19.853	244	4125	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	501	0.360	ng	# 68
3) n-Nitrosodimethylamine	3.632	42	646	0.458	ng	# 55
6) bis(2-Chloroethyl)ether	7.315	93	256	0.076	ng	# 57
9) Naphthalene	10.682	128	4049	0.386	ng	# 91
10) Hexachlorobutadiene	10.938	225	1069	0.528	ng	# 98
12) 2-Methylnaphthalene	12.305	142	2882	0.390	ng	# 92
16) Acenaphthylene	14.191	152	5276	0.390	ng	100
17) Acenaphthene	14.523	154	3354	0.384	ng	97
18) Fluorene	15.519	166	4061	0.357	ng	99
21) 4-Bromophenyl-phenylether	16.412	248	1315	0.407	ng	# 91
22) Hexachlorobenzene	16.524	284	1586	0.490	ng	98
23) Atrazine	16.686	200	1382	0.498	ng	95
24) Pentachlorophenol	16.897	266	926	0.608	ng	# 90
25) Phenanthrene	17.256	178	5865	0.354	ng	100
26) Anthracene	17.356	178	5239	0.351	ng	100
28) Fluoranthene	19.281	202	6860	0.394	ng	# 94
30) Pyrene	19.648	202	6968	0.293	ng	100
32) Benzo(a)anthracene	21.399	228	5505	0.356	ng	98
33) Chrysene	21.453	228	6592	0.382	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	3994	0.289	ng	# 90
36) Indeno(1,2,3-cd)pyrene	26.247	276	8594	0.398	ng	# 78
37) Benzo(b)fluoranthene	23.069	252	6521	0.341	ng	# 87
38) Benzo(k)fluoranthene	23.116	252	6942	0.336	ng	# 86
39) Benzo(a)pyrene	23.689	252	6180	0.330	ng	# 85
40) Dibenzo(a,h)anthracene	26.261	278	6495	0.384	ng	# 85
41) Benzo(g,h,i)perylene	26.998	276	8040m	0.408	ng	

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

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