Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030952.D
Acq On : 16 Apr 2024 01:11
Operator : MA/JU
Sample : PB160153BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 16 01:44:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB160153BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	4345	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	12817	0.400	ng	0.00
13) Acenaphthene-d10	14.284	164	6716	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	15997	0.400	ng	0.00
29) Chrysene-d12	21.240	240	12546	0.400	ng	0.00
35) Perylene-d12	23.454	264	6444	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3878	0.401	ng	0.00
5) Phenol-d6	6.823	99	4747	0.405	ng	0.00
8) Nitrobenzene-d5	8.798	82	3142	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	13360m	0.677	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	863	0.331	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	8383	0.371	ng	0.00
27) Fluoranthene-d10	19.075	212	15024	0.349	ng	0.00
31) Terphenyl-d14	19.684	244	11157	0.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	1535	0.287	ng	# 62
3) n-Nitrosodimethylamine	3.501	42	2057	0.411	ng	# 87
6) bis(2-Chloroethyl)ether	7.083	93	4336	0.374	ng	99
9) Naphthalene	10.475	128	13159	0.372	ng	100
10) Hexachlorobutadiene	10.752	225	2595	0.366	ng	# 98
12) 2-Methylnaphthalene	12.096	142	8449	0.360	ng	99
16) Acenaphthylene	14.006	152	11154	0.377	ng	99
17) Acenaphthene	14.348	154	7735	0.370	ng	99
18) Fluorene	15.343	166	10637	0.385	ng	100
20) 4,6-Dinitro-2-methylph...	15.428	198	681	0.383	ng	89
21) 4-Bromophenyl-phenylether	16.234	248	3382	0.356	ng	95
22) Hexachlorobenzene	16.345	284	3963	0.357	ng	99
24) Pentachlorophenol	16.693	266	2684	0.729	ng	98
25) Phenanthrene	17.078	178	18066	0.383	ng	100
26) Anthracene	17.165	178	13815	0.354	ng	100
28) Fluoranthene	19.108	202	19636	0.347	ng	99
30) Pyrene	19.470	202	18135	0.372	ng	100
32) Benzo(a)anthracene	21.223	228	17668	0.404	ng	99
33) Chrysene	21.276	228	20614	0.434	ng	99
34) Bis(2-ethylhexyl)phtha...	21.160	149	6852	0.342	ng	99
36) Indeno(1,2,3-cd)pyrene	25.688	276	17998	0.600	ng	98
37) Benzo(b)fluoranthene	22.788	252	19302	0.726	ng	99
38) Benzo(k)fluoranthene	22.832	252	18675m	0.717	ng	
39) Benzo(a)pyrene	23.355	252	10975	0.496	ng	95
40) Dibenzo(a,h)anthracene	25.700	278	16685	0.695	ng	99
41) Benzo(g,h,i)perylene	26.369	276	14888	0.563	ng	98

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

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