Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029361.D
Acq On : 24 Jan 2024 00:36
Operator : MA/JU
Sample : PB158555BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 24 01:11:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB158555BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	5173	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14419	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7425	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	16488	0.400	ng	0.00
29) Chrysene-d12	21.501	240	13325	0.400	ng	# 0.00
35) Perylene-d12	23.900	264	13638	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	5301	0.386	ng	0.00
5) Phenol-d6	7.074	99	6985	0.381	ng	0.00
8) Nitrobenzene-d5	9.078	82	4290	0.281	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	8604m	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	1075	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.185	172	10595	0.296	ng	0.00
27) Fluoranthene-d10	19.341	212	12913	0.264	ng	0.00
31) Terphenyl-d14	19.949	244	10276	0.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	2083	0.310	ng	# 74
3) n-Nitrosodimethylamine	3.716	42	1907	0.280	ng	# 93
6) bis(2-Chloroethyl)ether	7.349	93	5036	0.297	ng	99
9) Naphthalene	10.765	128	12720	0.274	ng	99
10) Hexachlorobutadiene	11.043	225	2268	0.233	ng	# 100
12) 2-Methylnaphthalene	12.378	142	7827	0.260	ng	98
16) Acenaphthylene	14.276	152	11749	0.297	ng	99
17) Acenaphthene	14.618	154	7184	0.270	ng	99
18) Fluorene	15.605	166	9503	0.263	ng	99
20) 4,6-Dinitro-2-methylph...	15.679	198	638	0.210	ng	96
21) 4-Bromophenyl-phenylether	16.498	248	3076	0.255	ng	# 72
22) Hexachlorobenzene	16.598	284	3577	0.241	ng	95
23) Atrazine	16.771	200	2272	0.258	ng	# 91
24) Pentachlorophenol	16.945	266	1315	0.265	ng	98
25) Phenanthrene	17.342	178	15541	0.275	ng	98
26) Anthracene	17.442	178	13487	0.270	ng	100
28) Fluoranthene	19.369	202	16550	0.244	ng	99
30) Pyrene	19.731	202	17433	0.287	ng	100
32) Benzo(a)anthracene	21.483	228	15626	0.281	ng	99
33) Chrysene	21.537	228	15594	0.272	ng	99
34) Bis(2-ethylhexyl)phtha...	21.438	149	9370	0.306	ng	100
36) Indeno(1,2,3-cd)pyrene	26.379	276	16162	0.277	ng	97
37) Benzo(b)fluoranthene	23.169	252	15319	0.264	ng	97
38) Benzo(k)fluoranthene	23.221	252	14981	0.263	ng	# 95
39) Benzo(a)pyrene	23.791	252	12160	0.266	ng	96
40) Dibenzo(a,h)anthracene	26.408	278	13068	0.277	ng	98
41) Benzo(g,h,i)perylene	27.136	276	13647	0.270	ng	97

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

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