Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033553.D
Acq On : 22 Aug 2024 15:18
Operator : MA/JU
Sample : P3660-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0.5-1-081624

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	7406	0.400	ng		-0.01
7) Naphthalene-d8	10.304	136	19324	0.400	ng		-0.01
13) Acenaphthene-d10	14.178	164	9575	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	20037	0.400	ng		-0.01
29) Chrysene-d12	21.139	240	18331	0.400	ng		0.00
35) Perylene-d12	23.309	264	19415	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4731	0.201	ng		0.00
5) Phenol-d6	6.729	99	5723	0.204	ng		-0.01
8) Nitrobenzene-d5	8.681	82	3722	0.232	ng		-0.01
11) 2-Methylnaphthalene-d10	11.903	152	5582	0.202	ng		-0.01
14) 2,4,6-Tribromophenol	15.676	330	1003	0.195	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	7313	0.187	ng		-0.01
27) Fluoranthene-d10	18.970	212	8346	0.173	ng		-0.01
31) Terphenyl-d14	19.588	244	5243	0.126	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	1860	0.036	ng	#	87
12) 2-Methylnaphthalene	11.975	142	1794	0.055	ng	#	94
16) Acenaphthylene	13.900	152	1909	0.045	ng	#	92
17) Acenaphthene	14.242	154	11835	0.401	ng		98
18) Fluorene	15.236	166	8393	0.225	ng		95
25) Phenanthrene	16.967	178	132035	2.369	ng		100
26) Anthracene	17.066	178	30197	0.612	ng	#	95
28) Fluoranthene	19.003	202	244124	3.963	ng		100
30) Pyrene	19.365	202	213631	2.611	ng	#	93
32) Benzo(a)anthracene	21.121	228	110468	1.667	ng		98
33) Chrysene	21.175	228	106389	1.615	ng		97
34) Bis(2-ethylhexyl)phtha...	21.086	149	4132m	0.098	ng		
36) Indeno(1,2,3-cd)pyrene	25.458	276	68441	0.849	ng		95
37) Benzo(b)fluoranthene	22.668	252	141985	1.958	ng	#	95
38) Benzo(k)fluoranthene	22.706	252	55208m	0.774	ng		
39) Benzo(a)pyrene	23.215	252	101947m	1.699	ng		
40) Dibenzo(a,h)anthracene	25.469	278	16246	0.252	ng	#	92
41) Benzo(g,h,i)perylene	26.115	276	69643	1.010	ng		99

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

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