Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033590.D
Acq On : 23 Aug 2024 15:23
Operator : MA/JU
Sample : P3660-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 23 15:49:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	6922	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	18522	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	8844	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	17081	0.400	ng	#	0.00
29) Chrysene-d12	21.139	240	14445	0.400	ng	#	0.00
35) Perylene-d12	23.312	264	16231	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	3841	0.175	ng		0.00
5) Phenol-d6	6.736	99	4916	0.188	ng		0.00
8) Nitrobenzene-d5	8.681	82	3571	0.232	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	4901	0.185	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	978	0.206	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	6027	0.167	ng		0.00
27) Fluoranthene-d10	18.975	212	5244	0.128	ng		0.00
31) Terphenyl-d14	19.588	244	3536	0.108	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	14265	0.288	ng		99
12) 2-Methylnaphthalene	11.975	142	4334	0.138	ng		97
16) Acenaphthylene	13.900	152	10479	0.270	ng		99
17) Acenaphthene	14.242	154	20926	0.767	ng		98
18) Fluorene	15.236	166	30274	0.880	ng		97
25) Phenanthrene	16.967	178	408709	8.601	ng		100
26) Anthracene	17.066	178	105267	2.504	ng		97
28) Fluoranthene	19.003	202	720582	13.722	ng		100
30) Pyrene	19.365	202	604209	9.372	ng	#	93
32) Benzo(a)anthracene	21.121	228	349643	6.695	ng		98
33) Chrysene	21.175	228	312652	6.023	ng		98
34) Bis(2-ethylhexyl)phtha...	21.086	149	47416m	1.434	ng		
36) Indeno(1,2,3-cd)pyrene	25.463	276	236474	3.509	ng	#	93
37) Benzo(b)fluoranthene	22.668	252	451626	7.451	ng	#	93
38) Benzo(k)fluoranthene	22.706	252	168273m	2.821	ng		
39) Benzo(a)pyrene	23.215	252	325994m	6.500	ng		
40) Dibenzo(a,h)anthracene	25.472	278	57144	1.061	ng		98
41) Benzo(g,h,i)perylene	26.118	276	233672	4.055	ng		97

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

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