Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033539.D
Acq On : 21 Aug 2024 12:29
Operator : MA/JU
Sample : P3643-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 21 12:57:34 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

Instrument :
BNA_N
ClientSampleId :
918-J-SD-0-0.5-081524

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	8918	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	22419	0.400	ng	#	0.00
13) Acenaphthene-d10	14.178	164	10205	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	20340	0.400	ng	#	-0.01
29) Chrysene-d12	21.139	240	19172	0.400	ng	#	0.00
35) Perylene-d12	23.314	264	22321	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	3352	0.118	ng		0.00
5) Phenol-d6	6.736	99	3857	0.114	ng		0.00
8) Nitrobenzene-d5	8.681	82	2415	0.130	ng		-0.01
11) 2-Methylnaphthalene-d10	11.907	152	3944	0.123	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	550	0.100	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	5353	0.128	ng		-0.01
27) Fluoranthene-d10	18.975	212	5884	0.120	ng		0.00
31) Terphenyl-d14	19.588	244	3667	0.084	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	12162	0.203	ng		99
12) 2-Methylnaphthalene	11.979	142	5619	0.148	ng		99
16) Acenaphthylene	13.900	152	2560	0.057	ng	#	90
17) Acenaphthene	14.242	154	92202	2.929	ng		98
18) Fluorene	15.236	166	105305	2.654	ng		99
25) Phenanthrene	16.979	178	619126	10.941	ng		100
26) Anthracene	17.066	178	137980	2.756	ng		98
28) Fluoranthene	19.003	202	876171	14.012	ng		100
30) Pyrene	19.370	202	759194	8.872	ng	#	94
32) Benzo(a)anthracene	21.130	228	484414	6.989	ng		96
33) Chrysene	21.175	228	478108	6.939	ng		95
34) Bis(2-ethylhexyl)phtha...	21.086	149	19170m	0.437	ng		
36) Indeno(1,2,3-cd)pyrene	25.463	276	263310	2.841	ng		96
37) Benzo(b)fluoranthene	22.671	252	589092	7.067	ng	#	94
38) Benzo(k)fluoranthene	22.709	252	229559m	2.798	ng		
39) Benzo(a)pyrene	23.218	252	465760m	6.753	ng		
40) Dibenzo(a,h)anthracene	25.475	278	68489	0.924	ng	#	89
41) Benzo(g,h,i)perylene	26.118	276	275680	3.479	ng		100

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

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