Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033615.D
Acq On : 24 Aug 2024 07:09
Operator : MA/JU
Sample : P3707-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-930-K1-SO-0.5-1-082024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 07:33:13 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	7.544	152	8046	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	21152	0.400	ng	# 0.00
13) Acenaphthene-d10	14.177	164	10116	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19564	0.400	ng	0.00
29) Chrysene-d12	21.139	240	17136	0.400	ng	0.00
35) Perylene-d12	23.299	264	18826	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	5061	0.198	ng	0.00
5) Phenol-d6	6.736	99	6024	0.198	ng	0.00
8) Nitrobenzene-d5	8.680	82	4360	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	11.899	152	6564	0.217	ng	0.00
14) 2,4,6-Tribromophenol	15.675	330	1163	0.214	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	8860	0.214	ng	0.00
27) Fluoranthene-d10	18.970	212	9182	0.195	ng	0.00
31) Terphenyl-d14	19.583	244	6410	0.165	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.346	128	2383	0.042	ng	# 87
12) 2-Methylnaphthalene	11.975	142	1628	0.046	ng	# 94
16) Acenaphthylene	13.889	152	15660	0.353	ng	99
17) Acenaphthene	14.242	154	1792	0.057	ng	97
18) Fluorene	15.236	166	2821	0.072	ng	# 94
24) Pentachlorophenol	16.581	266	2119	0.373	ng	98
25) Phenanthrene	16.966	178	61832	1.136	ng	99
26) Anthracene	17.065	178	27574	0.573	ng	99
28) Fluoranthene	18.998	202	235214	3.911	ng	99
30) Pyrene	19.365	202	209162	2.735	ng	# 95
32) Benzo(a)anthracene	21.121	228	134106	2.165	ng	95
33) Chrysene	21.166	228	140753	2.286	ng	96
34) Bis(2-ethylhexyl)phtha...	21.076	149	8159m	0.208	ng	
36) Indeno(1,2,3-cd)pyrene	25.448	276	82331	1.053	ng	# 94
37) Benzo(b)fluoranthene	22.659	252	185481	2.638	ng	96
38) Benzo(k)fluoranthene	22.697	252	71050m	1.027	ng	
39) Benzo(a)pyrene	23.206	252	120124m	2.065	ng	
40) Dibenzo(a,h)anthracene	25.460	278	22391	0.358	ng	# 83
41) Benzo(g,h,i)perylene	26.106	276	78827	1.179	ng	98

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

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