Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033575.D
Acq On : 23 Aug 2024 05:18
Operator : MA/JU
Sample : P3671-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-903-J-SO-0.5-1.0-081924

Manual Integrations APPROVED

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

Quant Time: Aug 23 05:56:20 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	8161	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	20804	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	10684	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19994	0.400	ng	0.00
29) Chrysene-d12	21.139	240	20246	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	21193	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4054	0.156	ng	0.00
5) Phenol-d6	6.736	99	4771	0.155	ng	0.00
8) Nitrobenzene-d5	8.681	82	3309	0.192	ng	0.00
11) 2-Methylnaphthalene-d10	11.900	152	4915	0.165	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	930	0.162	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6630	0.152	ng	0.00
27) Fluoranthene-d10	18.970	212	7798	0.162	ng	0.00
31) Terphenyl-d14	19.584	244	5627	0.122	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	5094	0.092	ng	# 95
12) 2-Methylnaphthalene	11.975	142	2432	0.069	ng	# 94
16) Acenaphthylene	13.900	152	7656	0.163	ng	98
17) Acenaphthene	14.242	154	21932	0.665	ng	98
18) Fluorene	15.236	166	28501	0.686	ng	95
25) Phenanthrene	16.967	178	637000	11.452	ng	100
26) Anthracene	17.066	178	108356	2.202	ng	# 95
28) Fluoranthene	19.003	202	1359855	22.123	ng	100
30) Pyrene	19.365	202	1125075	12.451	ng	# 94
32) Benzo(a)anthracene	21.122	228	585697	8.002	ng	98
33) Chrysene	21.175	228	628331	8.636	ng	97
34) Bis(2-ethylhexyl)phtha...	21.086	149	64308m	1.388	ng	
36) Indeno(1,2,3-cd)pyrene	25.449	276	414919	4.716	ng	95
37) Benzo(b)fluoranthene	22.660	252	851426	10.758	ng	# 92
38) Benzo(k)fluoranthene	22.698	252	288714m	3.706	ng	
39) Benzo(a)pyrene	23.206	252	574088m	8.767	ng	
40) Dibenzo(a,h)anthracene	25.458	278	93909	1.335	ng	98
41) Benzo(g,h,i)perylene	26.107	276	410026	5.450	ng	98

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

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