Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033574.D
Acq On : 23 Aug 2024 04:42
Operator : MA/JU
Sample : P3671-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-905-J-SO-0-0.5-081924-FD

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

Quant Time: Aug 23 05:11:51 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	8063	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	20827	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	10022	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	20045	0.400	ng		0.00
29) Chrysene-d12	21.139	240	22012	0.400	ng		0.00
35) Perylene-d12	23.303	264	22949	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	6327	0.247	ng		0.00
5) Phenol-d6	6.729	99	7016	0.230	ng		0.00
8) Nitrobenzene-d5	8.681	82	4180	0.242	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	5182	0.174	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	1087	0.202	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	6614	0.162	ng		0.00
27) Fluoranthene-d10	18.970	212	6634	0.138	ng		0.00
31) Terphenyl-d14	19.583	244	4810	0.096	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	2666	0.048	ng	#	90
12) 2-Methylnaphthalene	11.975	142	1226	0.035	ng	#	91
16) Acenaphthylene	13.900	152	3215	0.073	ng		98
17) Acenaphthene	14.242	154	17697	0.572	ng		98
18) Fluorene	15.236	166	20096	0.516	ng		99
25) Phenanthrene	16.966	178	518372	9.296	ng		100
26) Anthracene	17.066	178	151975	3.080	ng		98
28) Fluoranthene	19.003	202	1801050	29.226	ng		100
30) Pyrene	19.365	202	1607538	16.363	ng	#	93
32) Benzo(a)anthracene	21.121	228	1300011	16.336	ng		98
33) Chrysene	21.175	228	1136784m	14.371	ng		
34) Bis(2-ethylhexyl)phtha...	21.077	149	8993m	0.179	ng		
36) Indeno(1,2,3-cd)pyrene	25.446	276	602379	6.323	ng		95
37) Benzo(b)fluoranthene	22.662	252	1485702	17.336	ng	#	93
38) Benzo(k)fluoranthene	22.698	252	538286m	6.381	ng		
39) Benzo(a)pyrene	23.209	252	1065507m	15.026	ng		
40) Dibenzo(a,h)anthracene	25.460	278	158541	2.081	ng		97
41) Benzo(g,h,i)perylene	26.109	276	543217	6.668	ng		98

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

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