Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024976.D
Acq On : 18 Apr 2023 13:44
Operator : CG/JU
Sample : 02357-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P2-S1-230413

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 14:31:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9361	0.400	ng	0.00
7) Naphthalene-d8	10.739	136	27463	0.400	ng	#-0.01
13) Acenaphthene-d10	14.576	164	15573	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	35496	0.400	ng	0.00
29) Chrysene-d12	21.522	240	32439	0.400	ng	# 0.00
35) Perylene-d12	23.970	264	29253	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.484	112	5713	0.264	ng	0.00
5) Phenol-d6	7.095	99	7323	0.269	ng	0.00
8) Nitrobenzene-d5	9.095	82	5317	0.240	ng	-0.01
11) 2-Methylnaphthalene-d10	12.332	152	7985	0.220	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2216	0.316	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	12802	0.215	ng	-0.01
27) Fluoranthene-d10	19.355	212	16848	0.209	ng	0.00
31) Terphenyl-d14	19.949	244	17960	0.244	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.355	93	1562	0.056	ng	# 93
9) Naphthalene	10.793	128	57237	0.809	ng	100
12) 2-Methylnaphthalene	12.404	142	20505	0.417	ng	99
16) Acenaphthylene	14.298	152	43539	0.665	ng	99
17) Acenaphthene	14.641	154	11509	0.260	ng	99
18) Fluorene	15.624	166	30079	0.495	ng	# 97
25) Phenanthrene	17.361	178	407644	3.955	ng	100
26) Anthracene	17.460	178	111992	1.246	ng	98
28) Fluoranthene	19.384	202	844037	7.214	ng	99
30) Pyrene	19.747	202	722421	6.265	ng	# 96
32) Benzo(a)anthracene	21.504	228	387570	3.534	ng	96
33) Chrysene	21.558	228	386116	3.361	ng	98
34) Bis(2-ethylhexyl)phtha...	21.423	149	76684	1.301	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.525	276	169716	1.323	ng	96
37) Benzo(b)fluoranthene	23.224	252	446548	4.025	ng	96
38) Benzo(k)fluoranthene	23.265	252	150121m	1.365	ng	
39) Benzo(a)pyrene	23.864	252	302909m	2.855	ng	
40) Dibenzo(a,h)anthracene	26.540	278	42137	0.417	ng	# 87
41) Benzo(g,h,i)perylene	27.309	276	164564	1.505	ng	99

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

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