Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018493.D
Acq On : 27 Jan 2022 18:00
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2022
Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 28 03:06:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 28 03:03:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	29594	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	134351	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	75749	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	147611	0.400	ng		0.00
29) Chrysene-d12	21.471	240	131301	0.400	ng	#	0.00
35) Perylene-d12	23.878	264	140270	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.512	112	19629	0.261	ng		0.03
5) Phenol-d6	7.098	99	21918	0.266	ng		0.02
8) Nitrobenzene-d5	9.088	82	23092	0.249	ng		0.00
11) 2-Methylnaphthalene-d10	12.322	152	56887	0.262	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	6019	0.272	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	78951	0.263	ng		0.00
27) Fluoranthene-d10	19.326	212	110090	0.253	ng		0.00
31) Terphenyl-d14	19.916	244	85952	0.258	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.786	128	105696	0.300	ng		100
12) 2-Methylnaphthalene	12.398	142	41620	0.176	ng		99
16) Acenaphthylene	14.281	152	29272	0.092	ng	#	96
17) Acenaphthene	14.624	154	116804	0.548	ng		99
18) Fluorene	15.601	166	153948	0.589	ng		98
25) Phenanthrene	17.334	178	2100653	4.865	ng		99
26) Anthracene	17.431	178	449663	1.227	ng	#	90
28) Fluoranthene	19.350	202	2208978	4.643	ng	#	97
30) Pyrene	19.713	202	1870249	4.158	ng	#	94
32) Benzo(a)anthracene	21.461	228	1371212	3.143	ng		97
33) Chrysene	21.503	228	1071317	2.423	ng		97
34) Bis(2-ethylhexyl)phtha...	21.386	149	41214	0.233	ng		95
36) Indeno(1,2,3-cd)pyrene	26.366	276	628472	1.246	ng		97
37) Benzo(b)fluoranthene	23.145	252	1436205	2.974	ng	#	96
38) Benzo(k)fluoranthene	23.190	252	521567m	1.081	ng		
39) Benzo(a)pyrene	23.768	252	1026001	2.655	ng	#	97
40) Dibenzo(a,h)anthracene	26.376	278	188771	0.480	ng	#	90
41) Benzo(g,h,i)perylene	27.133	276	555772	1.266	ng	#	94

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

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