Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042022\
Data File : BN019508.D
Acq On : 19 Apr 2022 23:11
Operator : CG/JU
Sample : SP5863
Misc : 8270SIM SPIKE
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 20 04:06:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SP5863

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	5539	0.400	ng	0.00
7) Naphthalene-d8	10.613	136	15619	0.400	ng	#-0.01
13) Acenaphthene-d10	14.450	164	8569	0.400	ng	-0.01
19) Phenanthrene-d10	17.203	188	14573	0.400	ng	# 0.00
29) Chrysene-d12	21.395	240	7607	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	5667	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.212	88	2512	0.379	ng	# 67
3) n-Nitrosodimethylamine	3.537	42	2677	0.305	ng	99
6) bis(2-Chloroethyl)ether	7.242	93	5276	0.294	ng	99
9) Naphthalene	10.667	128	16251	0.352	ng	99
10) Hexachlorobutadiene	10.955	225	3556	0.354	ng	# 100
12) 2-Methylnaphthalene	12.293	142	10053	0.315	ng	97
16) Acenaphthylene	14.172	152	13116	0.308	ng	100
17) Acenaphthene	14.514	154	9606	0.340	ng	99
18) Fluorene	15.508	166	11350	0.304	ng	99
20) 4,6-Dinitro-2-methylph...	15.615	198	245	0.092	ng	# 27
21) 4-Bromophenyl-phenylether	16.392	248	3273	0.333	ng	# 84
22) Hexachlorobenzene	16.515	284	4487	0.391	ng	99
23) Atrazine	16.669	200	1861	0.230	ng	95
24) Pentachlorophenol	16.864	266	1102	0.247	ng	97
25) Phenanthrene	17.244	178	15697	0.321	ng	100
26) Anthracene	17.336	178	11847	0.276	ng	99
28) Fluoranthene	19.269	202	15221	0.262	ng	100
30) Pyrene	19.627	202	15534	0.439	ng	99
32) Benzo(a)anthracene	21.377	228	6848	0.244	ng	99
33) Chrysene	21.431	228	10326	0.331	ng	99
34) Bis(2-ethylhexyl)phtha...	21.296	149	4563	0.218	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.181	276	6940	0.293	ng	90
37) Benzo(b)fluoranthene	23.030	252	7292	0.328	ng	96
38) Benzo(k)fluoranthene	23.076	252	7960m	0.343	ng	
39) Benzo(a)pyrene	23.644	252	7340	0.368	ng	# 92
40) Dibenzo(a,h)anthracene	26.199	278	5313	0.289	ng	# 79
41) Benzo(g,h,i)perylene	26.912	276	8698	0.396	ng	98

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

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