Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
Data File : BN018367.D
Acq On : 07 Jan 2022 13:26
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 07 13:54:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 13:11:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	36790	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	151143	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	76971	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	133573	0.400	ng	0.00
29) Chrysene-d12	21.185	240	115974	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	119129	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	453942	6.158	ng	0.00
5) Phenol-d6	6.812	99	484500	6.794	ng	0.00
8) Nitrobenzene-d5	8.771	82	580259	6.458	ng	0.00
11) 2-Methylnaphthalene-d10	11.993	152	1145054	4.504	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	200639	7.766	ng	-0.01
15) 2-Fluorobiphenyl	12.885	172	1342950	4.609	ng	0.00
27) Fluoranthene-d10	19.028	212	1894654	4.457	ng	0.00
31) Terphenyl-d14	19.633	244	1233158	4.185	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	93561	4.457	ng	# 64
3) n-Nitrosodimethylamine	3.493	42	177273	5.866	ng	96
6) bis(2-Chloroethyl)ether	7.061	93	477129	5.451	ng	98
9) Naphthalene	10.444	128	1824152	4.881	ng	100
10) Hexachlorobutadiene	10.748	225	345352	3.318	ng	# 99
12) 2-Methylnaphthalene	12.069	142	1120079	4.676	ng	99
16) Acenaphthylene	13.964	152	1659208	6.128	ng	100
17) Acenaphthene	14.319	154	1038172	5.222	ng	97
18) Fluorene	15.309	166	1180058	5.040	ng	99
20) 4,6-Dinitro-2-methylph...	15.398	198	106919	42.339	ng	# 70
21) 4-Bromophenyl-phenylether	16.190	248	384950	4.744	ng	# 84
22) Hexachlorobenzene	16.311	284	459976	4.451	ng	# 91
23) Atrazine	16.470	200	308701	6.333	ng	95
24) Pentachlorophenol	16.652	266	195935	13.623	ng	99
25) Phenanthrene	17.029	178	1789508	5.082	ng	100
26) Anthracene	17.127	178	1677090	6.042	ng	100
28) Fluoranthene	19.058	202	1895778	4.597	ng	# 95
30) Pyrene	19.420	202	1997997	4.393	ng	100
32) Benzo(a)anthracene	21.174	228	1886490	6.070	ng	99
33) Chrysene	21.227	228	1861572	4.986	ng	97
34) Bis(2-ethylhexyl)phtha...	21.121	149	1511174	10.439	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.668	276	2028282	7.130	ng	# 90
37) Benzo(b)fluoranthene	22.741	252	1938450	5.120	ng	# 96
38) Benzo(k)fluoranthene	22.786	252	1843432	5.143	ng	# 97
39) Benzo(a)pyrene	23.313	252	1787368	5.427	ng	# 97
40) Dibenzo(a,h)anthracene	25.688	278	1617241	7.974	ng	# 95
41) Benzo(g,h,i)perylene	26.359	276	1780181	6.273	ng	# 92

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

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