Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017212.D
Acq On : 01 Nov 2021 14:24
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 01 15:17:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 15:13:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	33959	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	149689	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	78698	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	139555	0.400	ng	0.00
29) Chrysene-d12	21.154	240	140254	0.400	ng	0.00
35) Perylene-d12	23.352	264	136847	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.173	112	66813	0.877	ng	0.00
5) Phenol-d6	6.740	99	72396	0.857	ng	0.00
8) Nitrobenzene-d5	8.697	82	71896	0.824	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	171483	0.756	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	21189	0.748	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	237175	0.806	ng	0.00
27) Fluoranthene-d10	18.985	212	290896	0.742	ng	0.00
31) Terphenyl-d14	19.595	244	243916	0.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.162	88	20163	1.114	ng	# 79
3) n-Nitrosodimethylamine	3.485	42	26451	0.888	ng	99
6) bis(2-Chloroethyl)ether	6.998	93	76023	0.850	ng	99
9) Naphthalene	10.370	128	318339	0.815	ng	100
10) Hexachlorobutadiene	10.661	225	59453	0.827	ng	# 99
12) 2-Methylnaphthalene	11.995	142	201665	0.821	ng	97
16) Acenaphthylene	13.902	152	267020	0.848	ng	100
17) Acenaphthene	14.257	154	175196	0.807	ng	100
18) Fluorene	15.247	166	208431	0.810	ng	99
20) 4,6-Dinitro-2-methylph...	15.336	198	9123	0.595	ng	93
21) 4-Bromophenyl-phenylether	16.143	248	64228	0.836	ng	98
22) Hexachlorobenzene	16.252	284	68837	0.822	ng	100
23) Atrazine	16.422	200	44824	0.829	ng	100
24) Pentachlorophenol	16.605	266	19066	0.621	ng	99
25) Phenanthrene	16.982	178	320020	0.819	ng	100
26) Anthracene	17.067	178	278810	0.852	ng	100
28) Fluoranthene	19.015	202	361736	0.854	ng	100
30) Pyrene	19.377	202	358428	0.812	ng	100
32) Benzo(a)anthracene	21.133	228	358328	0.845	ng	100
33) Chrysene	21.186	228	361230	0.810	ng	99
34) Bis(2-ethylhexyl)phtha...	21.091	149	144688	0.809	ng	100
36) Indeno(1,2,3-cd)pyrene	25.567	276	403442	0.812	ng	100
37) Benzo(b)fluoranthene	22.692	252	365246	0.855	ng	100
38) Benzo(k)fluoranthene	22.736	252	361289	0.851	ng	100
39) Benzo(a)pyrene	23.256	252	326816	0.846	ng	99
40) Dibenzo(a,h)anthracene	25.587	278	326405	0.809	ng	99
41) Benzo(g,h,i)perylene	26.241	276	349067	0.802	ng	100

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

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