Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
Data File : BN016889.D
Acq On : 11 Oct 2021 19:45
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 12 02:17:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 12 02:08:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	20083	0.40	ng	0.00
7) Naphthalene-d8	10.457	136	89754	0.40	ng	0.00
13) Acenaphthene-d10	14.294	164	47761	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	89429	0.40	ng	0.00
29) Chrysene-d12	21.227	240	90397	0.40	ng	#-0.01
35) Perylene-d12	23.478	264	91107	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	41523	0.83	ng	0.00
5) Phenol-d6	6.868	99	46860	0.82	ng	0.00
8) Nitrobenzene-d5	8.822	82	47910	0.76	ng	-0.01
11) 2-Methylnaphthalene-d10	12.043	152	104860	0.78	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	18499	0.75	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	147930	0.77	ng	0.00
27) Fluoranthene-d10	19.073	212	190565	0.77	ng	0.00
31) Terphenyl-d14	19.683	244	161513	0.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	12395	1.38	ng	98
3) n-Nitrosodimethylamine	3.604	42	13449	0.85	ng	100
6) bis(2-Chloroethyl)ether	7.126	93	45881	0.83	ng	100
9) Naphthalene	10.495	128	192836	0.79	ng	100
10) Hexachlorobutadiene	10.787	225	36488	0.78	ng	# 99
12) 2-Methylnaphthalene	12.114	142	124010	0.79	ng	99
16) Acenaphthylene	14.015	152	167730	0.80	ng	100
17) Acenaphthene	14.358	154	108291	0.77	ng	100
18) Fluorene	15.347	166	132663	0.78	ng	100
20) 4,6-Dinitro-2-methylph...	15.436	198	10123	0.68	ng	94
21) 4-Bromophenyl-phenylether	16.239	248	43017	0.77	ng	99
22) Hexachlorobenzene	16.348	284	48837	0.77	ng	99
23) Atrazine	16.519	200	31215	0.71	ng	99
24) Pentachlorophenol	16.689	266	17911	0.86	ng	100
25) Phenanthrene	17.078	178	209509	0.79	ng	100
26) Anthracene	17.164	178	184853	0.78	ng	100
28) Fluoranthene	19.103	202	235294	0.79	ng	100
30) Pyrene	19.465	202	235013	0.85	ng	100
32) Benzo(a)anthracene	21.217	228	229334	0.82	ng	100
33) Chrysene	21.270	228	242980	0.85	ng	100
34) Bis(2-ethylhexyl)phtha...	21.164	149	115086	0.81	ng	99
36) Indeno(1,2,3-cd)pyrene	25.747	276	291851	0.85	ng	99
37) Benzo(b)fluoranthene	22.803	252	249978	0.87	ng	100
38) Benzo(k)fluoranthene	22.848	252	245332	0.87	ng	99
39) Benzo(a)pyrene	23.378	252	225043	0.85	ng	99
40) Dibenzo(a,h)anthracene	25.767	278	239388	0.85	ng	99
41) Benzo(g,h,i)perylene	26.442	276	249207	0.83	ng	100

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

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