Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
Data File : BN016892.D
Acq On : 11 Oct 2021 21:34
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 12 02:18:11 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	24365	0.40	ng	0.00
7) Naphthalene-d8	10.457	136	99588	0.40	ng	0.00
13) Acenaphthene-d10	14.294	164	54097	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	103120	0.40	ng	0.00
29) Chrysene-d12	21.227	240	98570	0.40	ng	#-0.01
35) Perylene-d12	23.478	264	106176	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	275827	4.53	ng	0.00
5) Phenol-d6	6.868	99	321500	4.65	ng	0.00
8) Nitrobenzene-d5	8.822	82	359720	5.16	ng	-0.01
11) 2-Methylnaphthalene-d10	12.038	152	667509	4.50	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	152576	5.45	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	940775	4.31	ng	0.00
27) Fluoranthene-d10	19.073	212	1277858	4.46	ng	0.00
31) Terphenyl-d14	19.683	244	1066579	4.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	82995	7.61	ng	# 92
3) n-Nitrosodimethylamine	3.604	42	96732	5.06	ng	97
6) bis(2-Chloroethyl)ether	7.126	93	297086	4.41	ng	98
9) Naphthalene	10.495	128	1189768	4.39	ng	100
10) Hexachlorobutadiene	10.787	225	231952	4.47	ng	# 99
12) 2-Methylnaphthalene	12.114	142	756333	4.36	ng	99
16) Acenaphthylene	14.015	152	1146545	4.80	ng	100
17) Acenaphthene	14.357	154	706738	4.45	ng	98
18) Fluorene	15.347	166	871219	4.52	ng	99
21) 4-Bromophenyl-phenylether	16.239	248	303642	4.72	ng	98
22) Hexachlorobenzene	16.348	284	322818	4.40	ng	99
23) Atrazine	16.519	200	252032	4.94	ng	98
24) Pentachlorophenol	16.689	266	177504	7.36	ng	99
25) Phenanthrene	17.078	178	1334858	4.36	ng	100
26) Anthracene	17.163	178	1268387	4.66	ng	100
28) Fluoranthene	19.103	202	1451044	4.22	ng	99
30) Pyrene	19.465	202	1530286	5.05	ng	100
32) Benzo(a)anthracene	21.217	228	1526709	5.01	ng	99
33) Chrysene	21.270	228	1471399	4.74	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	1024101	6.61	ng	99
36) Indeno(1,2,3-cd)pyrene	25.750	276	1871447	4.65	ng	99
37) Benzo(b)fluoranthene	22.800	252	1617155	4.81	ng	100
38) Benzo(k)fluoranthene	22.848	252	1559175	4.77	ng	98
39) Benzo(a)pyrene	23.378	252	1502200	4.89	ng	99
40) Dibenzo(a,h)anthracene	25.771	278	1547921	4.70	ng	99
41) Benzo(g,h,i)perylene	26.445	276	1621354	4.64	ng	100

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

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