Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072521\
Data File : BN015696.D
Acq On : 24 Jul 2021 20:39
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jul 26 02:01:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 01:23:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	15214	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	61788	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	34410	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	68069	0.400	ng	0.00
29) Chrysene-d12	21.280	240	63939	0.400	ng	0.00
35) Perylene-d12	23.563	264	65242	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	186907	5.104	ng	0.00
5) Phenol-d6	6.868	99	229739	5.347	ng	0.00
8) Nitrobenzene-d5	8.835	82	244059	5.637	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	448976	4.875	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	89820	8.390	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	622124	4.435	ng	0.00
27) Fluoranthene-d10	19.112	212	914414	5.035	ng	0.00
31) Terphenyl-d14	19.718	244	694256	4.562	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	20453	4.506	ng	# 86
3) n-Nitrosodimethylamine	3.567	42	58913	5.254	ng	99
6) bis(2-Chloroethyl)ether	7.126	93	193469	4.484	ng	99
9) Naphthalene	10.521	128	767650	4.681	ng	99
10) Hexachlorobutadiene	10.812	225	144808	4.646	ng	# 100
12) 2-Methylnaphthalene	12.140	142	496929	4.699	ng	100
16) Acenaphthylene	14.040	152	782369	5.444	ng	100
17) Acenaphthene	14.383	154	481842	4.823	ng	98
18) Fluorene	15.372	166	582806	4.890	ng	99
21) 4-Bromophenyl-phenylether	16.275	248	196463	4.960	ng	97
22) Hexachlorobenzene	16.385	284	203959	4.527	ng	100
23) Atrazine	16.543	200	172648	7.319	ng	97
24) Pentachlorophenol	16.725	266	104774	10.267	ng	100
25) Phenanthrene	17.115	178	941676	4.584	ng	100
26) Anthracene	17.200	178	895349	5.246	ng	100
28) Fluoranthene	19.142	202	1033777	4.662	ng	100
30) Pyrene	19.505	202	1091761	4.754	ng	100
32) Benzo(a)anthracene	21.259	228	1086176	5.421	ng	99
33) Chrysene	21.312	228	1011282	4.555	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	739942	8.822	ng	99
36) Indeno(1,2,3-cd)pyrene	25.904	276	1162859	4.919	ng	99
37) Benzo(b)fluoranthene	22.875	252	1101366	4.489	ng	100
38) Benzo(k)fluoranthene	22.920	252	1036035	4.217	ng	99
39) Benzo(a)pyrene	23.464	252	1002162	5.041	ng	99
40) Dibenzo(a,h)anthracene	25.921	278	951378	5.118	ng	99
41) Benzo(g,h,i)perylene	26.620	276	1012940	4.680	ng	100

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

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