Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013316.D
Acq On : 24 Dec 2020 06:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
12/24/2020 10:42:47 AM

Quant Time: Dec 24 07:16:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	680	0.40	ng		0.00
7) Naphthalene-d8	10.087	136	2233	0.40	ng		#-0.01
13) Acenaphthene-d10	13.991	164	1358	0.40	ng		0.00
19) Phenanthrene-d10	16.763	188	3023	0.40	ng		# 0.00
29) Chrysene-d12	20.985	240	2864	0.40	ng		#-0.01
36) Perylene-d12	23.075	264	3112	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.954	112	1179	0.42	ng		0.00
5) Phenol-d6	6.541	99	1208	0.43	ng		0.00
8) Nitrobenzene-d5	8.503	82	954	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.706	152	1546	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	356	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	2371	0.42	ng		0.00
27) Fluoranthene-d10	18.806	212	3742	0.38	ng		0.00
31) Terphenyl-d14	19.427	244	3001	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.925	88	1173	0.99	ng	#	78
3) n-Nitrosodimethylamine	3.271	42	706	0.36	ng	#	65
6) bis(2-Chloroethyl)ether	6.782	93	751	0.43	ng		93
9) Naphthalene	10.137	128	2767	0.40	ng	#	94
10) Hexachlorobutadiene	10.404	225	636	0.43	ng	#	99
12) 2-Methylnaphthalene	11.782	142	1760	0.38	ng	#	94
16) Acenaphthylene	13.712	152	2917	0.41	ng		99
17) Acenaphthene	14.054	154	1884	0.42	ng		91
18) Fluorene	15.057	166	2511	0.42	ng		100
20) 4,6-Dinitro-2-methylph...	15.234	198	175	0.40	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	144	0.24	ng	#	83
22) Hexachlorobenzene	16.070	284	764	0.37	ng		97
23) Atrazine	16.252	200	673	0.37	ng	#	93
24) Pentachlorophenol	16.435	266	355	0.41	ng		91
25) Phenanthrene	16.800	178	3791	0.39	ng		99
26) Anthracene	16.897	178	3342	0.38	ng		100
28) Fluoranthene	18.836	202	4616	0.39	ng		99
30) Pyrene	19.208	202	4634	0.42	ng		99
32) Benzo(a)anthracene	20.974	228	3805	0.38	ng		97
33) Chrysene	21.027	228	4473	0.42	ng		97
34) Bis(2-ethylhexyl)phtha...	20.910	149	2312	0.18	ng		97
35) Indeno(1,2,3-cd)pyrene	25.108	276	6077	0.41	ng		94
37) Benzo(b)fluoranthene	22.462	252	4939m	0.45	ng		
38) Benzo(k)fluoranthene	22.500	252	5300	0.42	ng		93
39) Benzo(a)pyrene	22.990	252	4874	0.45	ng	#	90
40) Dibenzo(a,h)anthracene	25.119	278	4731	0.40	ng	#	91
41) Benzo(g,h,i)perylene	25.728	276	5393	0.43	ng	#	94

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

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