Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014237.D
Acq On : 08 Apr 2021 10:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
4/8/2021 1:37:24 PM

Quant Time: Apr 08 10:47:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 08 01:18:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	9260	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	37272	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	23079	0.40	ng	-0.01
19) Phenanthrene-d10	17.091	188	49699	0.40	ng	#-0.01
29) Chrysene-d12	21.290	240	50085	0.40	ng	#-0.01
36) Perylene-d12	23.531	264	51051	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	9830	0.40	ng	0.00
5) Phenol-d6	6.887	99	12884	0.38	ng	0.00
8) Nitrobenzene-d5	8.870	82	9103	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	25930	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3850	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	34737	0.43	ng	0.00
27) Fluoranthene-d10	19.131	212	59771	0.41	ng	0.00
31) Terphenyl-d14	19.736	244	46974	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	4647	0.45	ng	# 77
3) n-Nitrosodimethylamine	3.649	42	1707	0.35	ng	# 53
6) bis(2-Chloroethyl)ether	7.161	93	9859	0.43	ng	92
9) Naphthalene	10.556	128	38766	0.41	ng	99
10) Hexachlorobutadiene	10.847	225	7687	0.42	ng	# 99
12) 2-Methylnaphthalene	12.168	142	27609	0.41	ng	99
16) Acenaphthylene	14.067	152	36815	0.35	ng	100
17) Acenaphthene	14.410	154	26558	0.41	ng	99
18) Fluorene	15.399	166	33846	0.40	ng	100
20) 4,6-Dinitro-2-methylph...	15.475	198	1924	0.43	ng	96
21) 4-Bromophenyl-phenylether	16.300	248	11077	0.41	ng	# 84
22) Hexachlorobenzene	16.410	284	13156	0.44	ng	95
23) Atrazine	16.568	200	7900	0.29	ng	95
24) Pentachlorophenol	16.751	266	4155m	0.34	ng	
25) Phenanthrene	17.140	178	55567	0.42	ng	99
26) Anthracene	17.225	178	48423	0.38	ng	99
28) Fluoranthene	19.161	202	64509	0.42	ng	99
30) Pyrene	19.523	202	65867	0.41	ng	100
32) Benzo(a)anthracene	21.268	228	62779	0.40	ng	97
33) Chrysene	21.321	228	66378	0.43	ng	98
34) Bis(2-ethylhexyl)phtha...	21.226	149	20507	0.21	ng	99
35) Indeno(1,2,3-cd)pyrene	25.790	276	87870	0.47	ng	100
37) Benzo(b)fluoranthene	22.860	252	71582	0.43	ng	97
38) Benzo(k)fluoranthene	22.901	252	73069m	0.45	ng	
39) Benzo(a)pyrene	23.432	252	62920	0.41	ng	# 91
40) Dibenzo(a,h)anthracene	25.804	278	73559	0.46	ng	98
41) Benzo(g,h,i)perylene	26.478	276	72936	0.45	ng	98

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

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