Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016669.D
Acq On : 02 Oct 2021 14:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
10/4/2021 11:48:36 AM

Quant Time: Oct 04 03:33:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	30897	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	136308	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	72520	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	137018	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	126999	0.40	ng	0.00
35) Perylene-d12	23.488	264	126229	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	27530	0.35	ng	0.00
5) Phenol-d6	6.822	99	30159	0.35	ng	0.00
8) Nitrobenzene-d5	8.784	82	28780	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	74937	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10831	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	108127	0.37	ng	-0.01
27) Fluoranthene-d10	19.063	212	130894	0.36	ng	0.00
31) Terphenyl-d14	19.679	244	110295	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4732m	0.33	ng	
3) n-Nitrosodimethylamine	3.595	42	8251	0.36	ng	99
6) bis(2-Chloroethyl)ether	7.080	93	32113	0.38	ng	100
9) Naphthalene	10.457	128	136864	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	26343	0.38	ng	# 100
12) 2-Methylnaphthalene	12.074	142	89659	0.38	ng	99
16) Acenaphthylene	13.990	152	109549	0.35	ng	100
17) Acenaphthene	14.332	154	78665	0.37	ng	100
18) Fluorene	15.322	166	94657	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	2290	0.27	ng	100
21) 4-Bromophenyl-phenylether	16.227	248	30422	0.36	ng	94
22) Hexachlorobenzene	16.324	284	36884	0.37	ng	99
23) Atrazine	16.506	200	18377	0.30	ng	98
24) Pentachlorophenol	16.677	266	10256	0.31	ng	99
25) Phenanthrene	17.066	178	153549	0.37	ng	100
26) Anthracene	17.151	178	121959	0.34	ng	100
28) Fluoranthene	19.098	202	166678	0.37	ng	100
30) Pyrene	19.460	202	163222	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	143015	0.37	ng	99
33) Chrysene	21.270	228	161280	0.41	ng	100
34) Bis(2-ethylhexyl)phtha...	21.164	149	45081	0.29	ng	99
36) Indeno(1,2,3-cd)pyrene	25.764	276	159198	0.35	ng	100
37) Benzo(b)fluoranthene	22.807	252	151732	0.37	ng	100
38) Benzo(k)fluoranthene	22.851	252	156590	0.39	ng	99
39) Benzo(a)pyrene	23.385	252	133458	0.37	ng	100
40) Dibenzo(a,h)anthracene	25.785	278	124597	0.34	ng	100
41) Benzo(g,h,i)perylene	26.459	276	141274	0.35	ng	99

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

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