Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
Data File : BN014785.D
Acq On : 27 May 2021 10:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
5/27/2021 11:11:42 PM

Quant Time: May 27 11:56:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	741	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2647	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1760	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3983	0.40	ng		0.00
29) Chrysene-d12	21.314	240	4765	0.40	ng	#	0.00
35) Perylene-d12	23.578	264	4789	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	1012	0.51	ng		0.00
5) Phenol-d6	6.895	99	1300	0.48	ng		0.00
8) Nitrobenzene-d5	8.857	82	915	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.093	152	2004	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	375	0.37	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	2832	0.44	ng		-0.01
27) Fluoranthene-d10	19.154	212	5504	0.35	ng		0.00
31) Terphenyl-d14	19.759	244	4859	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	433	0.50	ng	#	91
3) n-Nitrosodimethylamine	3.650	42	44	0.32	ng	#	1
6) bis(2-Chloroethyl)ether	7.145	93	917	0.40	ng		98
9) Naphthalene	10.543	128	3034	0.40	ng		94
10) Hexachlorobutadiene	10.835	225	830	0.42	ng	#	98
12) 2-Methylnaphthalene	12.169	142	2100	0.38	ng		97
16) Acenaphthylene	14.080	152	2820	0.40	ng		97
17) Acenaphthene	14.422	154	2123	0.41	ng		99
18) Fluorene	15.412	166	2794	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	129	0.38	ng		89
21) 4-Bromophenyl-phenylether	16.313	248	1092	0.40	ng		94
22) Hexachlorobenzene	16.423	284	1295	0.43	ng		98
23) Atrazine	16.581	200	605	0.34	ng		98
24) Pentachlorophenol	16.776	266	232	0.36	ng	#	83
25) Phenanthrene	17.153	178	4657	0.39	ng		99
26) Anthracene	17.250	178	3885	0.39	ng		97
28) Fluoranthene	19.183	202	5926	0.36	ng		100
30) Pyrene	19.546	202	6050	0.44	ng		99
32) Benzo(a)anthracene	21.293	228	5715	0.39	ng		98
33) Chrysene	21.346	228	7004	0.44	ng		99
34) Bis(2-ethylhexyl)phtha...	21.229	149	1624	0.39	ng		99
36) Indeno(1,2,3-cd)pyrene	25.861	276	8221	0.42	ng		99
37) Benzo(b)fluoranthene	22.897	252	7271m	0.41	ng		
38) Benzo(k)fluoranthene	22.942	252	7507	0.41	ng		99
39) Benzo(a)pyrene	23.479	252	6450	0.41	ng	#	97
40) Dibenzo(a,h)anthracene	25.878	278	6699	0.41	ng		99
41) Benzo(g,h,i)perylene	26.553	276	7638	0.43	ng		99

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

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