Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
Data File : BN014801.D
Acq On : 28 May 2021 10:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
6/1/2021 9:16:20 AM

Quant Time: May 28 12:33:47 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	790	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2677	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1850	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	4246	0.40	ng		0.00
29) Chrysene-d12	21.311	240	5039	0.40	ng		#-0.01
35) Perylene-d12	23.579	264	5155	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	933	0.44	ng		0.00
5) Phenol-d6	6.895	99	1183	0.41	ng		0.00
8) Nitrobenzene-d5	8.870	82	803	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	1903	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	363	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	2698	0.40	ng		-0.01
27) Fluoranthene-d10	19.151	212	5417	0.32	ng		0.00
31) Terphenyl-d14	19.757	244	4784	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	426	0.46	ng	#	92
3) n-Nitrosodimethylamine	3.641	42	24	0.26	ng	#	42
6) bis(2-Chloroethyl)ether	7.145	93	873	0.36	ng		99
9) Naphthalene	10.543	128	2962	0.38	ng		94
10) Hexachlorobutadiene	10.835	225	810	0.40	ng	#	98
12) 2-Methylnaphthalene	12.169	142	2019	0.36	ng		99
16) Acenaphthylene	14.080	152	2673	0.36	ng		99
17) Acenaphthene	14.422	154	2005	0.37	ng		99
18) Fluorene	15.412	166	2712	0.35	ng		97
20) 4,6-Dinitro-2-methylph...	15.501	198	119	0.34	ng		95
21) 4-Bromophenyl-phenylether	16.313	248	1081	0.37	ng		93
22) Hexachlorobenzene	16.422	284	1290	0.40	ng		99
23) Atrazine	16.580	200	563	0.30	ng		99
24) Pentachlorophenol	16.775	266	307	0.45	ng		91
25) Phenanthrene	17.152	178	4559	0.36	ng		99
26) Anthracene	17.250	178	3777	0.35	ng		96
28) Fluoranthene	19.181	202	5832	0.33	ng		99
30) Pyrene	19.543	202	5866	0.41	ng		99
32) Benzo(a)anthracene	21.300	228	5225	0.34	ng		98
33) Chrysene	21.353	228	6819	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.237	149	1455	0.33	ng		100
36) Indeno(1,2,3-cd)pyrene	25.862	276	8108	0.38	ng		98
37) Benzo(b)fluoranthene	22.898	252	7228m	0.38	ng		
38) Benzo(k)fluoranthene	22.942	252	7541	0.38	ng		100
39) Benzo(a)pyrene	23.480	252	6488	0.39	ng	#	79
40) Dibenzo(a,h)anthracene	25.876	278	6539	0.37	ng		97
41) Benzo(g,h,i)perylene	26.553	276	7299	0.38	ng		99

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

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