Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
Data File : BN014812.D
Acq On : 01 Jun 2021 14:06
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
mohammad
6/2/2021 10:53:14 AM

Quant Time: Jun 01 14:46:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 01 14:44:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152	552	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2027	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	1449	0.40	ng		0.00
19) Phenanthrene-d10	17.104	188	3427	0.40	ng		0.00
29) Chrysene-d12	21.303	240	4496	0.40	ng	#	0.00
35) Perylene-d12	23.568	264	4497	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	628	0.43	ng		0.00
5) Phenol-d6	6.887	99	766	0.38	ng		0.00
8) Nitrobenzene-d5	8.857	82	629	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	1391	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	277	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	1999	0.38	ng		0.00
27) Fluoranthene-d10	19.144	212	4553	0.34	ng		0.00
31) Terphenyl-d14	19.749	244	4038	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	308	0.48	ng	#	92
3) n-Nitrosodimethylamine	3.633	42	33	0.16	ng	#	88
6) bis(2-Chloroethyl)ether	7.144	93	565	0.33	ng		96
9) Naphthalene	10.543	128	2166	0.37	ng		95
10) Hexachlorobutadiene	10.834	225	581	0.38	ng	#	96
12) 2-Methylnaphthalene	12.164	142	1466	0.34	ng		96
16) Acenaphthylene	14.067	152	1988	0.34	ng		98
17) Acenaphthene	14.409	154	1533	0.36	ng		99
18) Fluorene	15.412	166	2052	0.34	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	100	0.27	ng		90
21) 4-Bromophenyl-phenylether	16.301	248	840	0.36	ng		94
22) Hexachlorobenzene	16.410	284	1014	0.39	ng		98
23) Atrazine	16.568	200	491	0.32	ng		94
24) Pentachlorophenol	16.763	266	184	0.33	ng	#	86
25) Phenanthrene	17.153	178	3608	0.35	ng		99
26) Anthracene	17.238	178	2823	0.33	ng		97
28) Fluoranthene	19.173	202	4771	0.33	ng		99
30) Pyrene	19.541	202	4906	0.38	ng		99
32) Benzo(a)anthracene	21.292	228	4345	0.32	ng		99
33) Chrysene	21.345	228	5937	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.229	149	1341	0.35	ng		96
36) Indeno(1,2,3-cd)pyrene	25.844	276	6625	0.36	ng		100
37) Benzo(b)fluoranthene	22.887	252	5748	0.35	ng		99
38) Benzo(k)fluoranthene	22.931	252	6827m	0.39	ng		
39) Benzo(a)pyrene	23.465	252	5255	0.36	ng		98
40) Dibenzo(a,h)anthracene	25.861	278	5376	0.35	ng		99
41) Benzo(g,h,i)perylene	26.535	276	6269	0.38	ng		98

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

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