Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040621\
Data File : BN014208.D
Acq On : 05 Apr 2021 17:50
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
4/6/2021 3:24:37 PM

Quant Time: Apr 05 18:59:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 05 18:58:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.644	152	5165	0.40	ng		0.00
7) Naphthalene-d8	10.416	136	20190	0.40	ng		#-0.01
13) Acenaphthene-d10	14.283	164	12284	0.40	ng		0.00
19) Phenanthrene-d10	17.031	188	26850	0.40	ng		0.00
29) Chrysene-d12	21.218	240	27610	0.40	ng		0.00
36) Perylene-d12	23.428	264	29817	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	2784	0.22	ng		0.00
5) Phenol-d6	6.814	99	3567	0.22	ng		0.00
8) Nitrobenzene-d5	8.794	82	2807	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	9082	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	812	0.21	ng		0.00
15) 2-Fluorobiphenyl	12.900	172	9368	0.20	ng		0.00
27) Fluoranthene-d10	19.064	212	20713	0.20	ng		0.00
31) Terphenyl-d14	19.670	244	13095	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	1347	0.21	ng		97
3) n-Nitrosodimethylamine	3.529	42	802	0.17	ng	#	96
6) bis(2-Chloroethyl)ether	7.080	93	3043	0.21	ng		99
9) Naphthalene	10.467	128	10921	0.20	ng		99
10) Hexachlorobutadiene	10.758	225	2005	0.20	ng	#	98
12) 2-Methylnaphthalene	12.093	142	7514	0.21	ng		99
16) Acenaphthylene	14.004	152	9193	0.18	ng		99
17) Acenaphthene	14.346	154	7111	0.20	ng		100
18) Fluorene	15.336	166	9015	0.20	ng		99
20) 4,6-Dinitro-2-methylph...	15.412	198	600	0.18	ng	#	65
21) 4-Bromophenyl-phenylether	16.228	248	2952	0.19	ng		99
22) Hexachlorobenzene	16.337	284	3323	0.20	ng		99
23) Atrazine	16.496	200	1932	0.21	ng		99
24) Pentachlorophenol	16.690	266	635	0.21	ng		96
25) Phenanthrene	17.068	178	15694	0.20	ng		100
26) Anthracene	17.165	178	12451	0.19	ng		100
28) Fluoranthene	19.094	202	17561	0.20	ng		100
30) Pyrene	19.461	202	18050	0.20	ng		100
32) Benzo(a)anthracene	21.208	228	16237	0.19	ng		99
33) Chrysene	21.261	228	19603	0.21	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	5612	0.22	ng		98
35) Indeno(1,2,3-cd)pyrene	25.632	276	24882	0.23	ng		100
37) Benzo(b)fluoranthene	22.767	252	21746m	0.19	ng		
38) Benzo(k)fluoranthene	22.808	252	21547	0.19	ng		98
39) Benzo(a)pyrene	23.328	252	19351	0.20	ng	#	90
40) Dibenzo(a,h)anthracene	25.646	278	20858	0.20	ng		98
41) Benzo(g,h,i)perylene	26.303	276	21457	0.19	ng		99

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

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