Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016947.D
Acq On : 14 Oct 2021 12:43
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
10/18/2021 8:47:07 AM

Quant Time: Oct 14 14:32:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 14:27:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.605	152	17669	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	78937	0.40	ng		0.00
13) Acenaphthene-d10	14.243	164	41753	0.40	ng		0.00
19) Phenanthrene-d10	16.993	188	77060	0.40	ng		0.00
29) Chrysene-d12	21.195	240	72071	0.40	ng		0.00
35) Perylene-d12	23.423	264	73760	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	4436	0.11	ng		0.00
5) Phenol-d6	6.794	99	4821	0.11	ng		0.00
8) Nitrobenzene-d5	8.759	82	4659	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	11060	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	1443	0.08	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	16044	0.10	ng		0.00
27) Fluoranthene-d10	19.028	212	17954	0.09	ng		0.00
31) Terphenyl-d14	19.644	244	15630	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.207	88	1420m	0.12	ng		
3) n-Nitrosodimethylamine	3.539	42	1380	0.10	ng	#	98
6) bis(2-Chloroethyl)ether	7.052	93	5096	0.11	ng		99
9) Naphthalene	10.432	128	26123	0.13	ng		100
10) Hexachlorobutadiene	10.711	225	4130	0.10	ng	#	100
12) 2-Methylnaphthalene	12.047	142	13610	0.10	ng		99
16) Acenaphthylene	13.951	152	14848	0.09	ng		99
17) Acenaphthene	14.307	154	11414	0.10	ng		99
18) Fluorene	15.296	166	13387	0.10	ng		100
20) 4,6-Dinitro-2-methylph...	15.385	198	533	0.06	ng	#	71
21) 4-Bromophenyl-phenylether	16.190	248	4255	0.09	ng		99
22) Hexachlorobenzene	16.299	284	5243	0.10	ng		99
23) Atrazine	16.470	200	2504	0.09	ng		98
24) Pentachlorophenol	16.652	266	1073	0.06	ng		98
25) Phenanthrene	17.030	178	21746	0.10	ng		99
26) Anthracene	17.127	178	16386	0.09	ng		100
28) Fluoranthene	19.058	202	22357	0.09	ng		99
30) Pyrene	19.425	202	22515	0.10	ng		100
32) Benzo(a)anthracene	21.174	228	19996	0.09	ng		100
33) Chrysene	21.227	228	23589	0.10	ng		99
34) Bis(2-ethylhexyl)phtha...	21.132	149	8026	0.08	ng		100
36) Indeno(1,2,3-cd)pyrene	25.668	276	25338	0.09	ng		99
37) Benzo(b)fluoranthene	22.752	252	22657	0.10	ng		96
38) Benzo(k)fluoranthene	22.796	252	22985	0.10	ng	#	94
39) Benzo(a)pyrene	23.323	252	18904	0.09	ng		95
40) Dibenzo(a,h)anthracene	25.692	278	20099	0.09	ng		96
41) Benzo(g,h,i)perylene	26.356	276	22913	0.09	ng		98

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

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