Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014485.D
Acq On : 29 Apr 2021 11:29
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
5/3/2021 10:48:32 AM

Quant Time: Apr 29 12:42:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 12:40:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	10006	0.40	ng		0.00
7) Naphthalene-d8	10.441	136	36332	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	18472	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	37892	0.40	ng		0.00
29) Chrysene-d12	21.247	240	31149	0.40	ng		0.00
35) Perylene-d12	23.466	264	26904	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	3750	0.20	ng		0.00
5) Phenol-d6	6.838	99	4513	0.19	ng		0.00
8) Nitrobenzene-d5	8.807	82	3510	0.14	ng		0.00
11) 2-Methylnaphthalene-d10	12.040	152	14963	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.792	330	889	0.15	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	15011	0.22	ng		0.00
27) Fluoranthene-d10	19.086	212	25511	0.25	ng		0.00
31) Terphenyl-d14	19.692	244	14891	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2198	0.20	ng		98
3) n-Nitrosodimethylamine	3.625	42	650	0.12	ng	#	82
6) bis(2-Chloroethyl)ether	7.104	93	5143	0.22	ng		100
9) Naphthalene	10.492	128	19606	0.22	ng		100
10) Hexachlorobutadiene	10.784	225	3878	0.22	ng	#	98
12) 2-Methylnaphthalene	12.111	142	12471	0.21	ng		100
16) Acenaphthylene	14.016	152	12976	0.18	ng		100
17) Acenaphthene	14.359	154	10466	0.21	ng		100
18) Fluorene	15.348	166	12637	0.20	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	433	0.13	ng	#	26
21) 4-Bromophenyl-phenylether	16.252	248	4007	0.20	ng		97
22) Hexachlorobenzene	16.361	284	5709	0.22	ng		99
23) Atrazine	16.519	200	1771	0.14	ng		97
24) Pentachlorophenol	16.702	266	657	0.13	ng		97
25) Phenanthrene	17.091	178	22155	0.21	ng		100
26) Anthracene	17.176	178	15614	0.19	ng		100
28) Fluoranthene	19.116	202	22253	0.19	ng		100
30) Pyrene	19.478	202	21700	0.24	ng		100
32) Benzo(a)anthracene	21.226	228	16041	0.19	ng		99
33) Chrysene	21.279	228	21845	0.23	ng		99
34) Bis(2-ethylhexyl)phtha...	21.173	149	4801	0.13	ng		99
36) Indeno(1,2,3-cd)pyrene	25.687	276	20120	0.19	ng		98
37) Benzo(b)fluoranthene	22.802	252	19941m	0.21	ng		
38) Benzo(k)fluoranthene	22.843	252	22015	0.22	ng		99
39) Benzo(a)pyrene	23.370	252	17382	0.20	ng	#	90
40) Dibenzo(a,h)anthracene	25.701	278	16567	0.19	ng		99
41) Benzo(g,h,i)perylene	26.365	276	19443	0.21	ng		98

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

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