Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017187.D
Acq On : 29 Oct 2021 19:17
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED
mohammad
11/1/2021 1:36:44 PM

Quant Time: Oct 30 00:07:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:22:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	35534	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	144542	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	78073	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	146238	0.400	ng		0.00
29) Chrysene-d12	21.165	240	144948	0.400	ng		0.00
35) Perylene-d12	23.373	264	152112	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.172	112	387523	5.198	ng		0.00
5) Phenol-d6	6.749	99	440049	5.152	ng		0.00
8) Nitrobenzene-d5	8.710	82	489751	5.227	ng		0.00
11) 2-Methylnaphthalene-d10	11.928	152	955343	4.662	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	168512	5.309	ng		0.00
15) 2-Fluorobiphenyl	12.824	172	1347835	4.603	ng		0.00
27) Fluoranthene-d10	18.995	212	1833489	5.010	ng		0.00
31) Terphenyl-d14	19.610	244	1512692	4.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.162	88	84216m	3.650	ng		
3) n-Nitrosodimethylamine	3.485	42	157366	5.719	ng		99
6) bis(2-Chloroethyl)ether	7.007	93	423795	4.314	ng		97
9) Naphthalene	10.383	128	1711802	4.552	ng		99
10) Hexachlorobutadiene	10.674	225	323581	4.348	ng	#	100
12) 2-Methylnaphthalene	12.000	142	1083167	4.471	ng		100
16) Acenaphthylene	13.915	152	1630860	5.166	ng		100
17) Acenaphthene	14.257	154	1014349	4.694	ng		97
18) Fluorene	15.260	166	1218871	4.684	ng		98
21) 4-Bromophenyl-phenylether	16.155	248	405219	4.754	ng		95
22) Hexachlorobenzene	16.264	284	414127	4.229	ng		99
23) Atrazine	16.435	200	346215	6.134	ng		100
24) Pentachlorophenol	16.605	266	220921	8.183	ng		99
25) Phenanthrene	16.994	178	1896010	4.556	ng		100
26) Anthracene	17.080	178	1783548	5.081	ng		99
28) Fluoranthene	19.024	202	2079447	4.606	ng		99
30) Pyrene	19.387	202	2189917	4.787	ng		100
32) Benzo(a)anthracene	21.144	228	2226535	5.192	ng		99
33) Chrysene	21.197	228	2124805	4.504	ng		99
36) Indeno(1,2,3-cd)pyrene	25.601	276	2595969	5.001	ng		100
37) Benzo(b)fluoranthene	22.712	252	2273052	4.578	ng		99
38) Benzo(k)fluoranthene	22.757	252	2215616	4.488	ng		99
39) Benzo(a)pyrene	23.277	252	2128872	4.903	ng		99
40) Dibenzo(a,h)anthracene	25.622	278	2158199	5.204	ng		100
41) Benzo(g,h,i)perylene	26.279	276	2263602	4.891	ng		100

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

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