Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016192.D
Acq On : 04 Sep 2021 13:48
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED
mohammad
9/7/2021 11:40:10 AM

Quant Time: Sep 06 01:28:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 01:25:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.873	152	14305	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	69053	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	40330	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	81170	0.400	ng		0.00
29) Chrysene-d12	21.440	240	87541	0.400	ng	#	0.01
35) Perylene-d12	23.827	264	92037	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	121015	3.534	ng		0.00
5) Phenol-d6	7.034	99	157305	3.293	ng		0.00
8) Nitrobenzene-d5	9.025	82	172675	3.804	ng		0.00
11) 2-Methylnaphthalene-d10	12.252	152	348470	3.346	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	64388	5.625	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	461759	2.844	ng		0.00
27) Fluoranthene-d10	19.281	212	785417	3.431	ng		0.00
31) Terphenyl-d14	19.877	244	655527	3.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	12432m	1.583	ng		
3) n-Nitrosodimethylamine	3.733	42	38365	3.110	ng	#	99
6) bis(2-Chloroethyl)ether	7.301	93	116435	2.915	ng		98
9) Naphthalene	10.711	128	564358	3.108	ng		100
10) Hexachlorobutadiene	11.002	225	115435	2.862	ng	#	100
12) 2-Methylnaphthalene	12.327	142	381488	3.292	ng		98
16) Acenaphthylene	14.218	152	584613	3.942	ng		100
17) Acenaphthene	14.560	154	369338	3.253	ng		98
18) Fluorene	15.550	166	460408	3.391	ng		99
20) 4,6-Dinitro-2-methylph...	15.626	198	39428	7.299	ng	#	49
21) 4-Bromophenyl-phenylether	16.433	248	138434	3.396	ng		97
22) Hexachlorobenzene	16.555	284	160241	2.800	ng		100
23) Atrazine	16.701	200	145549	5.836	ng		100
24) Pentachlorophenol	16.896	266	65108	4.333	ng		99
25) Phenanthrene	17.285	178	718801	3.114	ng		100
26) Anthracene	17.383	178	697951	3.690	ng		100
28) Fluoranthene	19.311	202	830779	3.242	ng		100
30) Pyrene	19.673	202	871967	3.349	ng		100
32) Benzo(a)anthracene	21.419	228	924582	3.478	ng		99
33) Chrysene	21.472	228	862474	3.066	ng		100
34) Bis(2-ethylhexyl)phtha...	21.344	149	611165	8.621	ng		99
36) Indeno(1,2,3-cd)pyrene	26.308	276	925641	2.656	ng		100
37) Benzo(b)fluoranthene	23.101	252	944599	2.868	ng	#	96
38) Benzo(k)fluoranthene	23.149	252	866101	2.824	ng		97
39) Benzo(a)pyrene	23.724	252	856785	3.016	ng	#	95
40) Dibenzo(a,h)anthracene	26.325	278	778905	2.703	ng		96
41) Benzo(g,h,i)perylene	27.072	276	788940	2.650	ng		97

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

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