Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016421.D
Acq On : 23 Sep 2021 14:08
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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9/27/2021 2:59:47 PM

Quant Time: Sep 23 16:04:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 16:03:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	20200	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	85064	0.400	ng	#	0.00
13) Acenaphthene-d10	14.294	164	41811	0.400	ng		0.00
19) Phenanthrene-d10	17.042	188	79434	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	70217	0.400	ng	#	0.01
35) Perylene-d12	23.522	264	63011	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	4297	0.085	ng		0.00
5) Phenol-d6	6.849	99	4887	0.080	ng		0.00
8) Nitrobenzene-d5	8.810	82	5367	0.106	ng		0.00
11) 2-Methylnaphthalene-d10	12.034	152	12098	0.090	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	884	0.072	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	18589	0.114	ng		0.00
27) Fluoranthene-d10	19.088	212	19398	0.084	ng		0.00
31) Terphenyl-d14	19.703	244	18353	0.113	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	742m	0.088	ng		
3) n-Nitrosodimethylamine	3.631	42	1653	0.086	ng	#	79
6) bis(2-Chloroethyl)ether	7.108	93	5361	0.098	ng		92
9) Naphthalene	10.483	128	22764	0.099	ng		98
10) Hexachlorobutadiene	10.774	225	4461	0.102	ng	#	99
12) 2-Methylnaphthalene	12.109	142	14107	0.093	ng		98
16) Acenaphthylene	14.015	152	13673	0.070	ng		99
17) Acenaphthene	14.358	154	11456	0.095	ng		97
18) Fluorene	15.347	166	13401	0.090	ng		98
20) 4,6-Dinitro-2-methylph...	15.436	198	365	0.110	ng		90
21) 4-Bromophenyl-phenylether	16.251	248	4162	0.090	ng		96
22) Hexachlorobenzene	16.348	284	4462	0.102	ng	#	90
23) Atrazine	16.531	200	2530	0.059	ng		99
25) Phenanthrene	17.091	178	23281m	0.104	ng		
26) Anthracene	17.176	178	16646	0.077	ng		99
28) Fluoranthene	19.118	202	23073	0.089	ng		99
30) Pyrene	19.485	202	23236	0.105	ng		99
32) Benzo(a)anthracene	21.238	228	19665	0.087	ng		99
33) Chrysene	21.291	228	23439	0.107	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	6049	0.050	ng		98
36) Indeno(1,2,3-cd)pyrene	25.822	276	19702	0.097	ng		100
37) Benzo(b)fluoranthene	22.838	252	21059	0.105	ng		97
38) Benzo(k)fluoranthene	22.885	252	20497	0.106	ng	#	94
39) Benzo(a)pyrene	23.423	252	15970	0.088	ng		95
40) Dibenzo(a,h)anthracene	25.839	278	16995	0.098	ng		98
41) Benzo(g,h,i)perylene	26.521	276	17400	0.101	ng		97

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

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