Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017852.D
Acq On : 10 Dec 2021 02:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 06:50:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21201	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	83810	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	52721	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	105089	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	89393	0.400	ng	# 0.00
35) Perylene-d12	23.585	264	66648	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	17414	0.340	ng	0.00
5) Phenol-d6	6.894	99	16693	0.344	ng	0.00
8) Nitrobenzene-d5	8.859	82	19247	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	61034	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4825	0.175	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	76494	0.396	ng	0.00
27) Fluoranthene-d10	19.129	212	141346	0.402	ng	0.00
31) Terphenyl-d14	19.740	244	88987	0.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	2815	0.361	ng	# 100
3) n-Nitrosodimethylamine	3.602	42	7960	0.364	ng	97
6) bis(2-Chloroethyl)ether	7.143	93	21802	0.398	ng	99
9) Naphthalene	10.544	128	84944	0.387	ng	100
10) Hexachlorobutadiene	10.836	225	24846	0.390	ng	# 99
12) 2-Methylnaphthalene	12.165	142	58350	0.369	ng	100
16) Acenaphthylene	14.055	152	76085	0.367	ng	100
17) Acenaphthene	14.398	154	56590	0.410	ng	100
18) Fluorene	15.387	166	68133	0.387	ng	99
20) 4,6-Dinitro-2-methylph...	15.514	198	113	0.183	ng	# 80
21) 4-Bromophenyl-phenylether	16.289	248	23763	0.374	ng	96
22) Hexachlorobenzene	16.398	284	33499	0.443	ng	99
23) Atrazine	16.569	200	14265	0.310	ng	95
24) Pentachlorophenol	16.776	266	1182	0.321	ng	98
25) Phenanthrene	17.129	178	111742	0.405	ng	100
26) Anthracene	17.226	178	89385	0.368	ng	100
28) Fluoranthene	19.159	202	143275	0.426	ng	100
30) Pyrene	19.521	202	142884	0.504	ng	100
32) Benzo(a)anthracene	21.271	228	98163	0.357	ng	100
33) Chrysene	21.325	228	115501	0.402	ng	100
34) Bis(2-ethylhexyl)phtha...	21.208	149	36125	0.290	ng	99
36) Indeno(1,2,3-cd)pyrene	25.950	276	45011	0.244	ng	99
37) Benzo(b)fluoranthene	22.887	252	86135	0.380	ng	99
38) Benzo(k)fluoranthene	22.935	252	110760m	0.518	ng	
39) Benzo(a)pyrene	23.486	252	76615	0.376	ng	# 94
40) Dibenzo(a,h)anthracene	25.974	278	34833m	0.243	ng	
41) Benzo(g,h,i)perylene	26.666	276	43085	0.280	ng	100

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

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