Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
Data File : BN014116.D
Acq On : 25 Mar 2021 21:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/26/2021 1:30:28 PM

Quant Time: Mar 26 00:43:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	5874	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	22823	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	13772	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	29842	0.40	ng		-0.01
29) Chrysene-d12	21.237	240	28800	0.40	ng		# 0.00
36) Perylene-d12	23.435	264	28852	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6959	0.51	ng		0.00
5) Phenol-d6	6.863	99	8985	0.52	ng		0.00
8) Nitrobenzene-d5	8.832	82	6225	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.057	152	16078	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	2026	0.45	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	21235	0.41	ng		-0.01
27) Fluoranthene-d10	19.086	212	36873	0.44	ng		0.00
31) Terphenyl-d14	19.682	244	29240	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3403	0.44	ng		97
3) n-Nitrosodimethylamine	3.577	42	2204	0.42	ng		97
6) bis(2-Chloroethyl)ether	7.120	93	6984	0.46	ng		95
9) Naphthalene	10.518	128	25167	0.44	ng		100
10) Hexachlorobutadiene	10.809	225	4619	0.44	ng	#	99
12) 2-Methylnaphthalene	12.129	142	17247	0.45	ng		98
16) Acenaphthylene	14.029	152	22040	0.42	ng		99
17) Acenaphthene	14.384	154	16378	0.42	ng		100
18) Fluorene	15.361	166	20719	0.42	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	1335	0.40	ng	#	64
21) 4-Bromophenyl-phenylether	16.252	248	6555	0.43	ng		97
22) Hexachlorobenzene	16.373	284	7386	0.42	ng		99
23) Atrazine	16.519	200	4260	0.41	ng	#	92
24) Pentachlorophenol	16.714	266	2006	0.48	ng		97
25) Phenanthrene	17.091	178	35331	0.43	ng		99
26) Anthracene	17.189	178	29279	0.44	ng		100
28) Fluoranthene	19.116	202	39827	0.44	ng		99
30) Pyrene	19.478	202	40303	0.46	ng		100
32) Benzo(a)anthracene	21.215	228	35627	0.43	ng		98
33) Chrysene	21.268	228	40569	0.46	ng		98
34) Bis(2-ethylhexyl)phtha...	21.152	149	11385	0.37	ng		98
35) Indeno(1,2,3-cd)pyrene	25.639	276	47688	0.49	ng		99
37) Benzo(b)fluoranthene	22.774	252	45233	0.43	ng	#	97
38) Benzo(k)fluoranthene	22.819	252	42836m	0.42	ng		
39) Benzo(a)pyrene	23.339	252	40380	0.45	ng		97
40) Dibenzo(a,h)anthracene	25.657	278	39992	0.42	ng		98
41) Benzo(g,h,i)perylene	26.314	276	41472	0.41	ng		98

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

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