Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
Data File : BN014072.D
Acq On : 24 Mar 2021 16:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/25/2021 11:50:44 AM

Quant Time: Mar 24 16:45:52 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	6072	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	23276	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	14240	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	30597	0.40	ng		-0.01
29) Chrysene-d12	21.236	240	29303	0.40	ng	#	0.00
36) Perylene-d12	23.442	264	28455	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6783	0.49	ng		0.00
5) Phenol-d6	6.863	99	8777	0.49	ng		0.00
8) Nitrobenzene-d5	8.832	82	6464	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.057	152	16525	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1930	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	22071	0.42	ng		-0.01
27) Fluoranthene-d10	19.086	212	37960	0.45	ng		0.00
31) Terphenyl-d14	19.687	244	30392	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3325	0.42	ng		100
3) n-Nitrosodimethylamine	3.577	42	2103	0.39	ng	#	95
6) bis(2-Chloroethyl)ether	7.128	93	8231	0.53	ng		91
9) Naphthalene	10.517	128	25853	0.45	ng		100
10) Hexachlorobutadiene	10.809	225	4697	0.43	ng	#	99
12) 2-Methylnaphthalene	12.133	142	17715	0.46	ng		99
16) Acenaphthylene	14.042	152	22371	0.41	ng		99
17) Acenaphthene	14.384	154	16915	0.42	ng		99
18) Fluorene	15.361	166	21471	0.42	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1340	0.39	ng	#	88
21) 4-Bromophenyl-phenylether	16.264	248	6800	0.43	ng	#	76
22) Hexachlorobenzene	16.373	284	7792	0.43	ng		99
23) Atrazine	16.531	200	4118	0.38	ng		97
24) Pentachlorophenol	16.714	266	1866	0.44	ng		97
25) Phenanthrene	17.103	178	36618	0.44	ng		100
26) Anthracene	17.189	178	30220	0.44	ng		100
28) Fluoranthene	19.116	202	41456	0.45	ng		99
30) Pyrene	19.478	202	41442	0.46	ng		100
32) Benzo(a)anthracene	21.215	228	36910	0.44	ng		98
33) Chrysene	21.268	228	41510	0.46	ng		98
34) Bis(2-ethylhexyl)phtha...	21.152	149	10514	0.34	ng		99
35) Indeno(1,2,3-cd)pyrene	25.643	276	46284	0.47	ng		99
37) Benzo(b)fluoranthene	22.778	252	44030	0.43	ng		97
38) Benzo(k)fluoranthene	22.822	252	42127m	0.41	ng		
39) Benzo(a)pyrene	23.343	252	37675	0.43	ng		95
40) Dibenzo(a,h)anthracene	25.656	278	39051	0.41	ng		98
41) Benzo(g,h,i)perylene	26.320	276	41308	0.42	ng		98

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

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