Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
Data File : BN014561.D
Acq On : 10 May 2021 18:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
5/11/2021 2:31:32 PM

Quant Time: May 10 19:13:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	179	0.40	ng		# 0.00
7) Naphthalene-d8	10.530	136	624	0.40	ng		#-0.01
13) Acenaphthene-d10	14.397	164	404	0.40	ng		0.00
19) Phenanthrene-d10	17.153	188	804	0.40	ng		# 0.00
29) Chrysene-d12	21.345	240	827	0.40	ng		# 0.00
35) Perylene-d12	23.623	264	593	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.349	112	181	0.36	ng		0.00
5) Phenol-d6	6.919	99	237	0.34	ng		0.00
8) Nitrobenzene-d5	8.895	82	199	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.133	152	534	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	54	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	526	0.36	ng		-0.01
27) Fluoranthene-d10	19.183	212	1142	0.33	ng		0.00
31) Terphenyl-d14	19.789	244	815	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	107	0.47	ng	#	92
3) n-Nitrosodimethylamine	3.722	42	6	0.08	ng	#	37
6) bis(2-Chloroethyl)ether	7.185	93	198	0.39	ng		94
9) Naphthalene	10.581	128	691	0.42	ng	#	71
10) Hexachlorobutadiene	10.885	225	154	0.39	ng	#	99
12) 2-Methylnaphthalene	12.204	142	418	0.36	ng	#	83
16) Acenaphthylene	14.118	152	488	0.31	ng		97
17) Acenaphthene	14.460	154	388	0.36	ng		98
18) Fluorene	15.450	166	480	0.33	ng	#	95
20) 4,6-Dinitro-2-methylph...	15.539	198	27	0.47	ng	#	1
21) 4-Bromophenyl-phenylether	16.349	248	175	0.35	ng	#	88
22) Hexachlorobenzene	16.459	284	202	0.40	ng		92
23) Atrazine	16.678	200	66	0.19	ng	#	29
24) Pentachlorophenol	16.800	266	66	0.38	ng	#	22
25) Phenanthrene	17.189	178	821m	0.38	ng		
26) Anthracene	17.286	178	642	0.33	ng		98
28) Fluoranthene	19.213	202	910	0.33	ng		98
30) Pyrene	19.575	202	931	0.40	ng		99
32) Benzo(a)anthracene	21.324	228	852	0.34	ng	#	90
33) Chrysene	21.377	228	928	0.37	ng	#	90
34) Bis(2-ethylhexyl)phtha...	21.271	149	257	0.29	ng	#	76
36) Indeno(1,2,3-cd)pyrene	25.940	276	794	0.35	ng	#	91
37) Benzo(b)fluoranthene	22.938	252	917	0.47	ng	#	57
38) Benzo(k)fluoranthene	22.982	252	960m	0.51	ng		
39) Benzo(a)pyrene	23.527	252	764	0.45	ng	#	46
40) Dibenzo(a,h)anthracene	25.960	278	661	0.34	ng	#	40
41) Benzo(g,h,i)perylene	26.635	276	805	0.42	ng	#	74

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

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