Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028507.D
Acq On : 08 Nov 2023 20:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 08 23:29:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 00:27:19 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	8476	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	26739	0.400	ng		#-0.01
13) Acenaphthene-d10	14.353	164	16683	0.400	ng		-0.01
19) Phenanthrene-d10	17.109	188	38326	0.400	ng		0.00
29) Chrysene-d12	21.320	240	30498	0.400	ng		# 0.00
35) Perylene-d12	23.637	264	30456	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	10128	0.400	ng		0.00
5) Phenol-d6	6.879	99	12899	0.396	ng		0.00
8) Nitrobenzene-d5	8.865	82	9134	0.383	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	17954	0.387	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	3214	0.344	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	28686	0.391	ng		0.00
27) Fluoranthene-d10	19.153	212	43483	0.371	ng		0.00
31) Terphenyl-d14	19.761	244	31640	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	4186	0.410	ng		98
3) n-Nitrosodimethylamine	3.507	42	4748	0.405	ng	#	98
6) bis(2-Chloroethyl)ether	7.139	93	10791	0.400	ng		99
9) Naphthalene	10.552	128	33226	0.398	ng		100
10) Hexachlorobutadiene	10.851	225	5941	0.400	ng	#	98
12) 2-Methylnaphthalene	12.174	142	22244	0.389	ng		100
16) Acenaphthylene	14.075	152	33551	0.382	ng		99
17) Acenaphthene	14.418	154	22800	0.390	ng		100
18) Fluorene	15.412	166	31272	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.487	198	1980	0.399	ng	#	75
21) 4-Bromophenyl-phenylether	16.302	248	9646	0.377	ng	#	73
22) Hexachlorobenzene	16.414	284	10621	0.397	ng		99
23) Atrazine	16.576	200	8113	0.359	ng	#	90
24) Pentachlorophenol	16.762	266	3683	0.321	ng		99
25) Phenanthrene	17.146	178	48838	0.384	ng		100
26) Anthracene	17.233	178	43277	0.372	ng		100
28) Fluoranthene	19.181	202	56850	0.373	ng		100
30) Pyrene	19.543	202	58195	0.401	ng		100
32) Benzo(a)anthracene	21.311	228	49288	0.387	ng		99
33) Chrysene	21.356	228	49729	0.391	ng		98
34) Bis(2-ethylhexyl)phtha...	21.257	149	27966	0.355	ng		100
36) Indeno(1,2,3-cd)pyrene	26.014	276	47778	0.389	ng		98
37) Benzo(b)fluoranthene	22.936	252	48783	0.389	ng		100
38) Benzo(k)fluoranthene	22.983	252	50253m	0.410	ng		
39) Benzo(a)pyrene	23.535	252	41992	0.392	ng		99
40) Dibenzo(a,h)anthracene	26.035	278	37977	0.397	ng		95
41) Benzo(g,h,i)perylene	26.737	276	40835	0.385	ng		99

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

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