Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028505.D
Acq On : 08 Nov 2023 19:07
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 08 23:29:34 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	8258	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	25787	0.400	ng		#-0.01
13) Acenaphthene-d10	14.353	164	16147	0.400	ng		-0.01
19) Phenanthrene-d10	17.109	188	37050	0.400	ng		0.00
29) Chrysene-d12	21.320	240	30711	0.400	ng		# 0.00
35) Perylene-d12	23.637	264	31332	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	9680	0.392	ng		0.00
5) Phenol-d6	6.879	99	12421	0.391	ng		0.00
8) Nitrobenzene-d5	8.864	82	8909	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	17523	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.855	330	3163	0.350	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	27771	0.391	ng		0.00
27) Fluoranthene-d10	19.153	212	42922	0.379	ng		0.00
31) Terphenyl-d14	19.761	244	31126	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	4048	0.407	ng		95
3) n-Nitrosodimethylamine	3.506	42	4651	0.407	ng		95
6) bis(2-Chloroethyl)ether	7.139	93	10337	0.393	ng		99
9) Naphthalene	10.551	128	32027	0.398	ng		100
10) Hexachlorobutadiene	10.850	225	5750	0.402	ng	#	97
12) 2-Methylnaphthalene	12.174	142	21753	0.394	ng		99
16) Acenaphthylene	14.075	152	32708	0.385	ng		100
17) Acenaphthene	14.417	154	22007	0.389	ng		100
18) Fluorene	15.412	166	30365	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.486	198	1984	0.407	ng	#	74
21) 4-Bromophenyl-phenylether	16.302	248	9374	0.379	ng	#	70
22) Hexachlorobenzene	16.414	284	10339	0.399	ng		99
23) Atrazine	16.575	200	8079	0.370	ng	#	90
24) Pentachlorophenol	16.762	266	3587	0.323	ng		99
25) Phenanthrene	17.146	178	48122	0.392	ng		100
26) Anthracene	17.246	178	42650	0.379	ng		100
28) Fluoranthene	19.181	202	56224	0.382	ng		100
30) Pyrene	19.543	202	57875	0.396	ng		100
32) Benzo(a)anthracene	21.311	228	48953	0.381	ng		99
33) Chrysene	21.356	228	50023	0.390	ng		98
34) Bis(2-ethylhexyl)phtha...	21.257	149	28027	0.353	ng		100
36) Indeno(1,2,3-cd)pyrene	26.011	276	50236	0.398	ng	#	86
37) Benzo(b)fluoranthene	22.939	252	50555	0.392	ng		99
38) Benzo(k)fluoranthene	22.982	252	49530	0.393	ng		98
39) Benzo(a)pyrene	23.535	252	42611	0.386	ng		98
40) Dibenzo(a,h)anthracene	26.035	278	39996	0.406	ng		95
41) Benzo(g,h,i)perylene	26.739	276	43096	0.395	ng		99

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

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