Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
Data File : BN028466.D
Acq On : 04 Nov 2023 09:58
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 06 04:25:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	8863	0.400	ng		-0.01
7) Naphthalene-d8	10.509	136	28177	0.400	ng		# 0.00
13) Acenaphthene-d10	14.363	164	17829	0.400	ng		0.00
19) Phenanthrene-d10	17.108	188	40459	0.400	ng		#-0.01
29) Chrysene-d12	21.328	240	33900	0.400	ng		# 0.00
35) Perylene-d12	23.648	264	31820	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	9477	0.409	ng		0.00
5) Phenol-d6	6.886	99	11791	0.402	ng		0.00
8) Nitrobenzene-d5	8.864	82	7831	0.430	ng		-0.01
11) 2-Methylnaphthalene-d10	12.102	152	17198	0.427	ng		-0.01
14) 2,4,6-Tribromophenol	15.855	330	3307	0.476	ng		0.00
15) 2-Fluorobiphenyl	13.005	172	2629	0.124	ng		0.00
27) Fluoranthene-d10	19.157	212	41987	0.420	ng		0.00
31) Terphenyl-d14	19.765	244	30039	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	3816	0.389	ng		91
3) n-Nitrosodimethylamine	3.514	42	3921	0.358	ng	#	92
6) bis(2-Chloroethyl)ether	7.146	93	10024	0.395	ng		98
9) Naphthalene	10.551	128	30333	0.399	ng		99
10) Hexachlorobutadiene	10.850	225	5387	0.425	ng	#	100
12) 2-Methylnaphthalene	12.178	142	22080	0.417	ng		99
16) Acenaphthylene	14.075	152	33780	0.384	ng		99
17) Acenaphthene	14.427	154	22011	0.394	ng		99
18) Fluorene	15.411	166	30257	0.398	ng		100
20) 4,6-Dinitro-2-methylph...	15.496	198	1226	0.407	ng		92
21) 4-Bromophenyl-phenylether	16.314	248	9787	0.436	ng	#	82
22) Hexachlorobenzene	16.426	284	10121	0.427	ng		96
23) Atrazine	16.587	200	7746	0.412	ng		94
24) Pentachlorophenol	16.773	266	3526	0.413	ng		100
25) Phenanthrene	17.158	178	47992	0.402	ng		100
26) Anthracene	17.245	178	44842	0.393	ng		100
28) Fluoranthene	19.185	202	55433	0.397	ng		99
30) Pyrene	19.552	202	57164	0.404	ng		100
32) Benzo(a)anthracene	21.310	228	53318	0.396	ng		98
33) Chrysene	21.364	228	51565	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.265	149	40702	0.585	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.028	276	47321	0.424	ng		97
37) Benzo(b)fluoranthene	22.944	252	47740	0.452	ng	#	94
38) Benzo(k)fluoranthene	22.994	252	47561	0.382	ng	#	91
39) Benzo(a)pyrene	23.546	252	43289	0.400	ng	#	91
40) Dibenzo(a,h)anthracene	26.055	278	38075	0.374	ng	#	81
41) Benzo(g,h,i)perylene	26.756	276	38396	0.352	ng		96

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

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