Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011322\
Data File : BN018395.D
Acq On : 13 Jan 2022 13:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 13 20:20:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.605	152	24742	0.400	ng		-0.02
7) Naphthalene-d8	10.381	136	113886	0.400	ng		#-0.03
13) Acenaphthene-d10	14.243	164	56994	0.400	ng		-0.01
19) Phenanthrene-d10	16.981	188	100131	0.400	ng		#-0.01
29) Chrysene-d12	21.185	240	88927	0.400	ng		# 0.00
35) Perylene-d12	23.409	264	88224	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.226	112	27800	0.457	ng		0.00
5) Phenol-d6	6.794	99	26783	0.439	ng		-0.02
8) Nitrobenzene-d5	8.759	82	29846	0.468	ng		-0.01
11) 2-Methylnaphthalene-d10	11.980	152	71334	0.400	ng		-0.02
14) 2,4,6-Tribromophenol	15.740	330	7973	0.451	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	88663	0.431	ng		-0.01
27) Fluoranthene-d10	19.023	212	112291	0.393	ng		-0.01
31) Terphenyl-d14	19.634	244	83899	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.142	88	4476	0.322	ng	#	57
3) n-Nitrosodimethylamine	3.502	42	9892	0.444	ng		90
6) bis(2-Chloroethyl)ether	7.043	93	29242	0.443	ng		98
9) Naphthalene	10.432	128	122811	0.425	ng		100
10) Hexachlorobutadiene	10.736	225	23424	0.436	ng	#	100
12) 2-Methylnaphthalene	12.056	142	75419	0.426	ng		98
16) Acenaphthylene	13.964	152	86971	0.384	ng		100
17) Acenaphthene	14.307	154	64138	0.406	ng		100
18) Fluorene	15.296	166	74824	0.421	ng		99
20) 4,6-Dinitro-2-methylph...	15.398	198	1498	0.392	ng		98
21) 4-Bromophenyl-phenylether	16.190	248	21987	0.399	ng		96
22) Hexachlorobenzene	16.299	284	29829	0.407	ng	#	92
23) Atrazine	16.470	200	12619	0.361	ng		96
24) Pentachlorophenol	16.652	266	4913	0.497	ng		99
25) Phenanthrene	17.029	178	118248	0.420	ng		100
26) Anthracene	17.115	178	91385	0.393	ng		100
28) Fluoranthene	19.053	202	130820	0.438	ng	#	96
30) Pyrene	19.415	202	130352	0.414	ng		100
32) Benzo(a)anthracene	21.163	228	103046	0.393	ng		98
33) Chrysene	21.217	228	126725	0.426	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	48140	0.415	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.665	276	110834	0.395	ng	#	89
37) Benzo(b)fluoranthene	22.741	252	118193	0.413	ng	#	96
38) Benzo(k)fluoranthene	22.783	252	122150	0.437	ng	#	95
39) Benzo(a)pyrene	23.313	252	108065	0.409	ng	#	94
40) Dibenzo(a,h)anthracene	25.685	278	79514	0.364	ng	#	94
41) Benzo(g,h,i)perylene	26.353	276	101730	0.397	ng	#	91

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

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