Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016448.D
Acq On : 24 Sep 2021 21:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 25 05:06:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	23973	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	101830	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	52815	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	103469	0.40	ng		# 0.00
29) Chrysene-d12	21.249	240	102505	0.40	ng		# 0.00
35) Perylene-d12	23.515	264	96105	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	21111	0.39	ng		0.00
5) Phenol-d6	6.850	99	24771	0.39	ng		0.00
8) Nitrobenzene-d5	8.810	82	28206	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.030	152	57106	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	5596	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	81011	0.37	ng		0.00
27) Fluoranthene-d10	19.088	212	105065	0.37	ng		0.00
31) Terphenyl-d14	19.698	244	91203	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	4065	0.40	ng	#	84
3) n-Nitrosodimethylamine	3.622	42	9955	0.40	ng	#	73
6) bis(2-Chloroethyl)ether	7.108	93	25717	0.40	ng		93
9) Naphthalene	10.483	128	102317	0.38	ng		99
10) Hexachlorobutadiene	10.774	225	20795	0.39	ng	#	99
12) 2-Methylnaphthalene	12.105	142	66382	0.39	ng		98
16) Acenaphthylene	14.015	152	82484	0.38	ng		99
17) Acenaphthene	14.358	154	56632	0.37	ng		98
18) Fluorene	15.347	166	68594	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	1654	0.28	ng	#	69
21) 4-Bromophenyl-phenylether	16.251	248	21925	0.36	ng		97
22) Hexachlorobenzene	16.348	284	22347	0.37	ng	#	90
23) Atrazine	16.519	200	15353	0.40	ng	#	91
24) Pentachlorophenol	16.701	266	6566	0.46	ng		98
25) Phenanthrene	17.091	178	112487	0.37	ng		99
26) Anthracene	17.176	178	92554	0.36	ng		99
28) Fluoranthene	19.118	202	128143	0.38	ng		99
30) Pyrene	19.480	202	127113	0.40	ng		99
32) Benzo(a)anthracene	21.238	228	117501	0.40	ng		100
33) Chrysene	21.291	228	127647	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.185	149	41560	0.51	ng		97
36) Indeno(1,2,3-cd)pyrene	25.812	276	118143	0.38	ng		100
37) Benzo(b)fluoranthene	22.834	252	115985	0.36	ng		98
38) Benzo(k)fluoranthene	22.879	252	123493	0.40	ng	#	98
39) Benzo(a)pyrene	23.413	252	100235	0.38	ng		96
40) Dibenzo(a,h)anthracene	25.833	278	99518	0.38	ng		96
41) Benzo(g,h,i)perylene	26.510	276	97123	0.36	ng		95

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

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