Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012121\
Data File : BN013443.D
Acq On : 20 Jan 2021 18:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 20 18:30:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 16:01:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	10345	0.40	ng		0.00
7) Naphthalene-d8	10.353	136	39549	0.40	ng		# 0.00
13) Acenaphthene-d10	14.219	164	20461	0.40	ng		0.00
19) Phenanthrene-d10	16.970	188	38627	0.40	ng		# 0.00
29) Chrysene-d12	21.176	240	27505	0.40	ng		# 0.00
36) Perylene-d12	23.356	264	21632	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	10778	0.36	ng		0.00
5) Phenol-d6	6.766	99	13991	0.36	ng		0.00
8) Nitrobenzene-d5	8.718	82	9990	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.946	152	26708	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	2589	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.836	172	37248	0.41	ng		0.00
27) Fluoranthene-d10	19.005	212	40266	0.33	ng		0.00
31) Terphenyl-d14	19.615	244	32548	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	4539	0.35	ng		99
3) n-Nitrosodimethylamine	3.529	42	4138	0.37	ng	#	96
6) bis(2-Chloroethyl)ether	7.024	93	12002	0.40	ng		100
9) Naphthalene	10.391	128	46033	0.39	ng		100
10) Hexachlorobutadiene	10.695	225	7958	0.38	ng	#	100
12) 2-Methylnaphthalene	12.017	142	30974	0.38	ng		99
16) Acenaphthylene	13.928	152	36264	0.37	ng		100
17) Acenaphthene	14.283	154	27010	0.38	ng		100
18) Fluorene	15.272	166	32104	0.36	ng		99
20) 4,6-Dinitro-2-methylph...	15.349	198	1599	0.34	ng		91
21) 4-Bromophenyl-phenylether	16.167	248	9411	0.39	ng		96
22) Hexachlorobenzene	16.277	284	10632	0.40	ng		100
23) Atrazine	16.447	200	5239	0.34	ng		99
24) Pentachlorophenol	16.617	266	2207	0.28	ng		93
25) Phenanthrene	17.007	178	49976	0.39	ng		100
26) Anthracene	17.092	178	39992	0.36	ng		99
28) Fluoranthene	19.034	202	48797	0.33	ng		99
30) Pyrene	19.402	202	46965	0.46	ng		100
32) Benzo(a)anthracene	21.154	228	34181	0.35	ng		99
33) Chrysene	21.208	228	39276	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.112	149	10153	0.34	ng		99
35) Indeno(1,2,3-cd)pyrene	25.526	276	39792	0.35	ng		99
37) Benzo(b)fluoranthene	22.702	252	35741	0.40	ng		96
38) Benzo(k)fluoranthene	22.746	252	35725	0.41	ng		96
39) Benzo(a)pyrene	23.256	252	28292	0.38	ng	#	93
40) Dibenzo(a,h)anthracene	25.543	278	33778	0.41	ng		98
41) Benzo(g,h,i)perylene	26.190	276	33751	0.40	ng		99

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

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