Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050121\
Data File : BN014510.D
Acq On : 01 May 2021 11:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: May 02 02:17:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 17:46:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	8943	0.40	ng	0.00
7) Naphthalene-d8	10.403	136	32421	0.40	ng	0.00
13) Acenaphthene-d10	14.270	164	17296	0.40	ng	0.00
19) Phenanthrene-d10	17.006	188	34131	0.40	ng	#-0.01
29) Chrysene-d12	21.215	240	27725	0.40	ng	0.00
35) Perylene-d12	23.408	264	24653	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	6239	0.35	ng	0.00
5) Phenol-d6	6.798	99	7073	0.34	ng	0.00
8) Nitrobenzene-d5	8.769	82	6213	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.995	152	24383	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	1746	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.887	172	23980	0.36	ng	0.00
27) Fluoranthene-d10	19.051	212	41204	0.34	ng	0.00
31) Terphenyl-d14	19.657	244	25117	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.174	88	3659	0.34	ng	# 86
3) n-Nitrosodimethylamine	3.569	42	1098	0.34	ng	# 73
6) bis(2-Chloroethyl)ether	7.064	93	7624	0.36	ng	99
9) Naphthalene	10.454	128	31358	0.37	ng	100
10) Hexachlorobutadiene	10.746	225	6252	0.37	ng	# 100
12) 2-Methylnaphthalene	12.071	142	20273	0.37	ng	99
16) Acenaphthylene	13.978	152	21912	0.34	ng	100
17) Acenaphthene	14.321	154	17274	0.35	ng	99
18) Fluorene	15.323	166	21023	0.35	ng	100
20) 4,6-Dinitro-2-methylph...	15.412	198	541	0.35	ng	# 1
21) 4-Bromophenyl-phenylether	16.215	248	6394	0.34	ng	100
22) Hexachlorobenzene	16.325	284	8773	0.36	ng	100
23) Atrazine	16.483	200	3279	0.30	ng	98
24) Pentachlorophenol	16.678	266	1073	0.45	ng	# 38
25) Phenanthrene	17.055	178	34133	0.35	ng	100
26) Anthracene	17.140	178	25106	0.33	ng	100
28) Fluoranthene	19.081	202	35952	0.34	ng	100
30) Pyrene	19.444	202	35472	0.38	ng	100
32) Benzo(a)anthracene	21.194	228	26018	0.33	ng	100
33) Chrysene	21.247	228	32812	0.37	ng	100
34) Bis(2-ethylhexyl)phtha...	21.141	149	7945	0.33	ng	97
36) Indeno(1,2,3-cd)pyrene	25.609	276	30301	0.33	ng	100
37) Benzo(b)fluoranthene	22.750	252	30566	0.34	ng	100
38) Benzo(k)fluoranthene	22.795	252	36189	0.34	ng	100
39) Benzo(a)pyrene	23.312	252	28144	0.35	ng	99
40) Dibenzo(a,h)anthracene	25.626	278	24937	0.33	ng	100
41) Benzo(g,h,i)perylene	26.276	276	31725	0.35	ng	100

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

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