Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
Data File : BN017035.D
Acq On : 21 Oct 2021 00:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 21 02:14:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 15:04:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	22199	0.40	ng	0.00
7) Naphthalene-d8	10.370	136	98102	0.40	ng	# 0.00
13) Acenaphthene-d10	14.232	164	51871	0.40	ng	0.00
19) Phenanthrene-d10	16.970	188	95706	0.40	ng	#-0.01
29) Chrysene-d12	21.176	240	93809	0.40	ng	#-0.01
35) Perylene-d12	23.397	264	93427	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.209	112	18544	0.40	ng	0.00
5) Phenol-d6	6.786	99	20513	0.38	ng	0.00
8) Nitrobenzene-d5	8.748	82	24690	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.960	152	52726	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	7168	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	76752	0.39	ng	0.00
27) Fluoranthene-d10	19.015	212	92037	0.38	ng	0.00
31) Terphenyl-d14	19.630	244	79534	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	5391	0.37	ng	# 88
3) n-Nitrosodimethylamine	3.522	42	6959	0.40	ng	# 99
6) bis(2-Chloroethyl)ether	7.044	93	24622	0.40	ng	99
9) Naphthalene	10.408	128	99122	0.39	ng	99
10) Hexachlorobutadiene	10.700	225	19983	0.40	ng	# 100
12) 2-Methylnaphthalene	12.035	142	63732	0.39	ng	99
16) Acenaphthylene	13.940	152	81274	0.39	ng	100
17) Acenaphthene	14.283	154	55854	0.39	ng	99
18) Fluorene	15.285	166	66492	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.374	198	1548	0.30	ng	# 89
21) 4-Bromophenyl-phenylether	16.179	248	21526	0.39	ng	# 86
22) Hexachlorobenzene	16.289	284	26264	0.41	ng	99
23) Atrazine	16.459	200	12589	0.38	ng	97
24) Pentachlorophenol	16.629	266	5295	0.42	ng	100
25) Phenanthrene	17.019	178	107115	0.39	ng	100
26) Anthracene	17.104	178	87748	0.38	ng	100
28) Fluoranthene	19.044	202	119793	0.41	ng	100
30) Pyrene	19.412	202	118075	0.40	ng	100
32) Benzo(a)anthracene	21.165	228	109270	0.39	ng	98
33) Chrysene	21.218	228	121622	0.40	ng	98
34) Bis(2-ethylhexyl)phtha...	21.112	149	41491	0.44	ng	100
36) Indeno(1,2,3-cd)pyrene	25.639	276	118370	0.37	ng	98
37) Benzo(b)fluoranthene	22.733	252	113349	0.37	ng	100
38) Benzo(k)fluoranthene	22.777	252	122628	0.40	ng	98
39) Benzo(a)pyrene	23.301	252	101901	0.38	ng	99
40) Dibenzo(a,h)anthracene	25.659	278	94014	0.37	ng	99
41) Benzo(g,h,i)perylene	26.320	276	98163	0.35	ng	99

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

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