Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016616.D
Acq On : 01 Oct 2021 02:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 01 06:23:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	33291	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	144903	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	75533	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	135439	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	125841	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	132252	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	29689	0.35	ng	0.00
5) Phenol-d6	6.822	99	31906	0.34	ng	0.00
8) Nitrobenzene-d5	8.784	82	30216	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	79610	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10649	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	112943	0.37	ng	0.00
27) Fluoranthene-d10	19.063	212	129381	0.36	ng	0.00
31) Terphenyl-d14	19.678	244	109044	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	5718	0.37	ng	# 78
3) n-Nitrosodimethylamine	3.576	42	8859	0.36	ng	98
6) bis(2-Chloroethyl)ether	7.080	93	34237	0.38	ng	100
9) Naphthalene	10.457	128	146411	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	28116	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	95219	0.38	ng	99
16) Acenaphthylene	13.990	152	113830	0.34	ng	100
17) Acenaphthene	14.332	154	80961	0.36	ng	99
18) Fluorene	15.322	166	97214	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	3263	0.32	ng	98
21) 4-Bromophenyl-phenylether	16.226	248	30506	0.36	ng	95
22) Hexachlorobenzene	16.324	284	37321	0.38	ng	99
23) Atrazine	16.506	200	18425	0.30	ng	99
24) Pentachlorophenol	16.677	266	10567	0.33	ng	100
25) Phenanthrene	17.066	178	154084	0.38	ng	100
26) Anthracene	17.151	178	123148	0.35	ng	100
28) Fluoranthene	19.093	202	165011	0.38	ng	100
30) Pyrene	19.460	202	162095	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	139962	0.36	ng	98
33) Chrysene	21.270	228	165316	0.42	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	44365	0.29	ng	99
36) Indeno(1,2,3-cd)pyrene	25.757	276	191152	0.41	ng	99
37) Benzo(b)fluoranthene	22.803	252	155467	0.37	ng	100
38) Benzo(k)fluoranthene	22.848	252	169940	0.40	ng	98
39) Benzo(a)pyrene	23.382	252	141604	0.37	ng	100
40) Dibenzo(a,h)anthracene	25.778	278	153266	0.40	ng	99
41) Benzo(g,h,i)perylene	26.452	276	164989	0.40	ng	100

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

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