Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
Data File : BN013778.D
Acq On : 26 Feb 2021 09:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 26 10:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	6083	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	22440	0.40	ng		#-0.01
13) Acenaphthene-d10	14.372	164	12349	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	26647	0.40	ng		-0.01
29) Chrysene-d12	21.300	240	25900	0.40	ng		# 0.00
36) Perylene-d12	23.545	264	24768	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	6387	0.39	ng		0.00
5) Phenol-d6	6.895	99	8405	0.39	ng		0.00
8) Nitrobenzene-d5	8.883	82	6269	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.115	152	14397	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1818	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	18960	0.43	ng		0.00
27) Fluoranthene-d10	19.151	212	29759	0.38	ng		0.00
31) Terphenyl-d14	19.752	244	23372	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	3404	0.46	ng		97
3) n-Nitrosodimethylamine	3.593	42	2335	0.41	ng	#	91
6) bis(2-Chloroethyl)ether	7.161	93	6772	0.44	ng		95
9) Naphthalene	10.568	128	23070	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	4476	0.42	ng	#	100
12) 2-Methylnaphthalene	12.186	142	15506	0.40	ng		99
16) Acenaphthylene	14.092	152	20540	0.37	ng		99
17) Acenaphthene	14.435	154	14213	0.41	ng		99
18) Fluorene	15.425	166	17617	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	986	0.53	ng		93
21) 4-Bromophenyl-phenylether	16.313	248	5759	0.40	ng	#	88
22) Hexachlorobenzene	16.422	284	6758	0.45	ng		99
23) Atrazine	16.580	200	4047	0.30	ng	#	92
24) Pentachlorophenol	16.763	266	1771	0.36	ng		98
25) Phenanthrene	17.164	178	29132	0.42	ng		100
26) Anthracene	17.250	178	25026	0.37	ng		99
28) Fluoranthene	19.181	202	32657	0.39	ng		99
30) Pyrene	19.543	202	32672	0.41	ng		100
32) Benzo(a)anthracene	21.279	228	29800	0.37	ng		96
33) Chrysene	21.332	228	33282	0.43	ng		99
34) Bis(2-ethylhexyl)phtha...	21.226	149	8840	0.23	ng		98
35) Indeno(1,2,3-cd)pyrene	25.807	276	38151	0.40	ng		99
37) Benzo(b)fluoranthene	22.870	252	32366	0.41	ng	#	93
38) Benzo(k)fluoranthene	22.915	252	34491	0.45	ng	#	93
39) Benzo(a)pyrene	23.445	252	27828	0.39	ng	#	91
40) Dibenzo(a,h)anthracene	25.824	278	32128	0.43	ng		98
41) Benzo(g,h,i)perylene	26.492	276	31957	0.42	ng		97

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

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