Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024762.D
Acq On : 05 Apr 2023 08:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 11:04:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 11:04:25 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.953	152	10363	0.400	ng		0.00
7) Naphthalene-d8	10.759	136	29324	0.400	ng	#	0.00
13) Acenaphthene-d10	14.590	164	16273	0.400	ng		0.00
19) Phenanthrene-d10	17.338	188	35521	0.400	ng		0.00
29) Chrysene-d12	21.529	240	30986	0.400	ng	#	0.00
35) Perylene-d12	23.977	264	30399	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.498	112	10872	0.454	ng		0.00
5) Phenol-d6	7.108	99	13388	0.444	ng		0.00
8) Nitrobenzene-d5	9.115	82	10421	0.441	ng		0.00
11) 2-Methylnaphthalene-d10	12.350	152	17546	0.452	ng		0.00
14) 2,4,6-Tribromophenol	16.097	330	2975	0.407	ng		0.00
15) 2-Fluorobiphenyl	13.221	172	29534	0.475	ng		0.00
27) Fluoranthene-d10	19.370	212	35244	0.438	ng		0.00
31) Terphenyl-d14	19.964	244	35363	0.503	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	5290	0.465	ng		97
3) n-Nitrosodimethylamine	3.685	42	8799	0.456	ng		98
6) bis(2-Chloroethyl)ether	7.368	93	14253	0.466	ng		100
9) Naphthalene	10.813	128	35031	0.464	ng		99
10) Hexachlorobutadiene	11.101	225	6622	0.460	ng	#	98
12) 2-Methylnaphthalene	12.425	142	23758	0.452	ng		100
16) Acenaphthylene	14.312	152	30328	0.443	ng		100
17) Acenaphthene	14.654	154	21666	0.468	ng		99
18) Fluorene	15.637	166	29350	0.462	ng		99
20) 4,6-Dinitro-2-methylph...	15.737	198	1768	0.441	ng		99
21) 4-Bromophenyl-phenylether	16.531	248	9271	0.443	ng		93
22) Hexachlorobenzene	16.643	284	10909	0.460	ng		99
23) Atrazine	16.792	200	5816	0.408	ng	#	91
24) Pentachlorophenol	17.053	266	2187m	0.431	ng		
25) Phenanthrene	17.375	178	46475	0.451	ng		99
26) Anthracene	17.475	178	38561	0.429	ng		99
28) Fluoranthene	19.400	202	51071	0.436	ng		99
30) Pyrene	19.762	202	51873	0.471	ng		100
32) Benzo(a)anthracene	21.511	228	49153	0.469	ng		98
33) Chrysene	21.565	228	52432	0.478	ng		98
34) Bis(2-ethylhexyl)phtha...	21.431	149	23464	0.417	ng		99
36) Indeno(1,2,3-cd)pyrene	26.512	276	57679	0.433	ng		99
37) Benzo(b)fluoranthene	23.225	252	51341	0.445	ng		97
38) Benzo(k)fluoranthene	23.275	252	50055	0.438	ng		98
39) Benzo(a)pyrene	23.863	252	49336	0.447	ng		95
40) Dibenzo(a,h)anthracene	26.529	278	45660	0.435	ng		98
41) Benzo(g,h,i)perylene	27.295	276	49383	0.435	ng		100

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

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