Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032723\
Data File : BN024556.D
Acq On : 27 Mar 2023 10:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

Quant Time: Mar 28 01:53:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 00:22:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.018	152	12411	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	36002	0.400	ng		0.00
13) Acenaphthene-d10	14.654	164	17939	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	35872	0.400	ng		0.00
29) Chrysene-d12	21.592	240	19010	0.400	ng		0.00
35) Perylene-d12	24.091	264	14630	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.562	112	12509	0.455	ng		0.00
5) Phenol-d6	7.173	99	14870	0.421	ng		0.00
8) Nitrobenzene-d5	9.179	82	13037	0.542	ng		-0.01
11) 2-Methylnaphthalene-d10	12.414	152	20783	0.470	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	2950	0.322	ng		0.00
15) 2-Fluorobiphenyl	13.275	172	33860	0.500	ng		-0.01
27) Fluoranthene-d10	19.425	212	32054	0.422	ng		0.00
31) Terphenyl-d14	20.015	244	17039	0.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	6092m	0.451	ng		
3) n-Nitrosodimethylamine	3.757	42	9429	0.476	ng		95
6) bis(2-Chloroethyl)ether	7.433	93	16170	0.462	ng		97
9) Naphthalene	10.877	128	42868	0.468	ng		99
10) Hexachlorobutadiene	11.165	225	8295	0.478	ng	#	100
12) 2-Methylnaphthalene	12.486	142	28359	0.459	ng		99
16) Acenaphthylene	14.376	152	36443	0.428	ng		99
17) Acenaphthene	14.707	154	24456	0.451	ng		97
18) Fluorene	15.701	166	31260	0.483	ng		100
20) 4,6-Dinitro-2-methylph...	15.774	198	979	0.324	ng		90
21) 4-Bromophenyl-phenylether	16.581	248	10008	0.469	ng	#	76
22) Hexachlorobenzene	16.705	284	12300	0.470	ng		100
23) Atrazine	16.854	200	5220	0.386	ng		99
24) Pentachlorophenol	17.053	266	4270	0.397	ng		99
25) Phenanthrene	17.437	178	47534	0.447	ng		100
26) Anthracene	17.524	178	39633	0.404	ng		99
28) Fluoranthene	19.454	202	47158	0.405	ng		99
30) Pyrene	19.817	202	47221	0.613	ng		100
32) Benzo(a)anthracene	21.574	228	28298	0.446	ng		100
33) Chrysene	21.627	228	32945	0.486	ng		100
34) Bis(2-ethylhexyl)phtha...	21.484	149	16726	0.560	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.704	276	21244	0.388	ng		96
37) Benzo(b)fluoranthene	23.322	252	25942	0.456	ng		96
38) Benzo(k)fluoranthene	23.377	252	26870m	0.458	ng		
39) Benzo(a)pyrene	23.977	252	21668	0.415	ng		92
40) Dibenzo(a,h)anthracene	26.725	278	14961	0.352	ng		96
41) Benzo(g,h,i)perylene	27.511	276	22624	0.457	ng		98

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

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