Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027316.D
Acq On : 31 Aug 2023 19:27
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 04:03:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.066	152	4514	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	13003	0.400	ng		-0.01
13) Acenaphthene-d10	14.694	164	7776	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	18341	0.400	ng	#	0.00
29) Chrysene-d12	21.614	240	14035	0.400	ng		0.00
35) Perylene-d12	24.145	264	12679	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	4541	0.386	ng		0.00
5) Phenol-d6	7.199	99	5476	0.383	ng		0.00
8) Nitrobenzene-d5	9.251	82	3775	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7603	0.398	ng		-0.01
14) 2,4,6-Tribromophenol	16.189	330	1072	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	11965	0.405	ng		-0.01
27) Fluoranthene-d10	19.463	212	17674	0.388	ng		0.00
31) Terphenyl-d14	20.048	244	11168	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2300	0.417	ng		93
3) n-Nitrosodimethylamine	3.805	42	2623	0.449	ng		91
6) bis(2-Chloroethyl)ether	7.496	93	5774	0.417	ng		99
9) Naphthalene	10.938	128	14489	0.409	ng		99
10) Hexachlorobutadiene	11.173	225	2685	0.406	ng	#	99
12) 2-Methylnaphthalene	12.536	142	10142	0.402	ng		99
16) Acenaphthylene	14.416	152	13989	0.395	ng		99
17) Acenaphthene	14.758	154	10254	0.434	ng		99
18) Fluorene	15.730	166	13520	0.429	ng		100
20) 4,6-Dinitro-2-methylph...	16.884	198	129	0.494	ng	#	69
21) 4-Bromophenyl-phenylether	16.624	248	3886	0.402	ng	#	89
22) Hexachlorobenzene	16.711	284	4884	0.426	ng		98
23) Atrazine	16.884	200	2703	0.373	ng	#	94
24) Pentachlorophenol	17.070	266	1555	0.352	ng		100
25) Phenanthrene	17.480	178	22162	0.411	ng		100
26) Anthracene	17.579	178	17557	0.383	ng		99
28) Fluoranthene	19.491	202	24772	0.390	ng		100
30) Pyrene	19.858	202	25244	0.452	ng		100
32) Benzo(a)anthracene	21.596	228	18875	0.392	ng		100
33) Chrysene	21.659	228	21889	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	8285	0.357	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.814	276	18055	0.351	ng		99
37) Benzo(b)fluoranthene	23.355	252	19861	0.405	ng		100
38) Benzo(k)fluoranthene	23.408	252	20250m	0.402	ng		
39) Benzo(a)pyrene	24.031	252	17998	0.392	ng		98
40) Dibenzo(a,h)anthracene	26.846	278	14153	0.351	ng		99
41) Benzo(g,h,i)perylene	27.644	276	17115	0.366	ng		98

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

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