Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
Data File : BN027219.D
Acq On : 28 Aug 2023 16:12
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:25:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 03:21:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	5559	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	14927	0.400	ng	#	0.00
13) Acenaphthene-d10	14.705	164	8936	0.400	ng		0.01
19) Phenanthrene-d10	17.455	188	19756	0.400	ng		0.00
29) Chrysene-d12	21.632	240	13982	0.400	ng		0.00
35) Perylene-d12	24.162	264	11941	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	5445	0.347	ng		0.00
5) Phenol-d6	7.207	99	6594	0.341	ng		0.00
8) Nitrobenzene-d5	9.262	82	4042	0.320	ng		0.00
11) 2-Methylnaphthalene-d10	12.472	152	8643	0.364	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1131	0.238	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	13305	0.401	ng		0.00
27) Fluoranthene-d10	19.472	212	18114	0.358	ng		0.00
31) Terphenyl-d14	20.057	244	11354	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	2699	0.451	ng		95
3) n-Nitrosodimethylamine	3.805	42	3107	0.467	ng		87
6) bis(2-Chloroethyl)ether	7.503	93	6813	0.419	ng		95
9) Naphthalene	10.949	128	16308	0.415	ng		100
10) Hexachlorobutadiene	11.184	225	3229	0.402	ng	#	99
12) 2-Methylnaphthalene	12.544	142	11370	0.370	ng		98
16) Acenaphthylene	14.427	152	16845	0.395	ng		100
17) Acenaphthene	14.758	154	10903	0.414	ng		96
18) Fluorene	15.742	166	14416	0.408	ng		98
20) 4,6-Dinitro-2-methylph...	16.897	198	132	0.426	ng	#	15
21) 4-Bromophenyl-phenylether	16.636	248	3935	0.349	ng	#	85
22) Hexachlorobenzene	16.723	284	5101	0.423	ng		95
23) Atrazine	16.897	200	2846	0.284	ng	#	90
24) Pentachlorophenol	17.083	266	1510	0.248	ng		97
25) Phenanthrene	17.492	178	22267	0.392	ng		99
26) Anthracene	17.579	178	18367	0.347	ng		100
28) Fluoranthene	19.500	202	25281	0.376	ng		98
30) Pyrene	19.867	202	25464	0.473	ng		100
32) Benzo(a)anthracene	21.614	228	17962	0.356	ng		99
33) Chrysene	21.668	228	21959	0.431	ng		99
34) Bis(2-ethylhexyl)phtha...	21.488	149	9188	0.253	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.840	276	15572	0.318	ng		96
37) Benzo(b)fluoranthene	23.373	252	18398	0.460	ng	#	91
38) Benzo(k)fluoranthene	23.428	252	19709m	0.480	ng		
39) Benzo(a)pyrene	24.048	252	16001	0.400	ng	#	86
40) Dibenzo(a,h)anthracene	26.872	278	12193	0.313	ng	#	90
41) Benzo(g,h,i)perylene	27.671	276	15186	0.362	ng		95

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

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