Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
Data File : BN029204.D
Acq On : 28 Dec 2023 09:02
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 10:25:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	896	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1951	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	1237	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	2145	0.400	ng		0.00
29) Chrysene-d12	21.340	240	814	0.400	ng		0.00
35) Perylene-d12	23.636	264	864	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	742	0.356	ng		0.00
5) Phenol-d6	6.944	99	823	0.352	ng		0.00
8) Nitrobenzene-d5	8.907	82	801	0.327	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	1186	0.352	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	304	0.319	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	2304	0.347	ng		0.01
27) Fluoranthene-d10	19.173	212	1507	0.345	ng		0.00
31) Terphenyl-d14	19.787	244	933	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	289m	0.355	ng		
3) n-Nitrosodimethylamine	3.644	42	246m	0.360	ng		
6) bis(2-Chloroethyl)ether	7.190	93	548	0.343	ng		95
9) Naphthalene	10.573	128	1999	0.338	ng		95
10) Hexachlorobutadiene	10.840	225	569	0.337	ng	#	98
12) 2-Methylnaphthalene	12.193	142	1511	0.345	ng		94
16) Acenaphthylene	14.094	152	2702	0.333	ng		98
17) Acenaphthene	14.436	154	1718	0.341	ng		99
18) Fluorene	15.430	166	2401	0.331	ng		99
20) 4,6-Dinitro-2-methylph...	15.530	198	249	0.338	ng		97
21) 4-Bromophenyl-phenylether	16.337	248	646	0.348	ng		97
22) Hexachlorobenzene	16.424	284	739	0.340	ng		100
23) Atrazine	16.622	200	631	0.351	ng		95
24) Pentachlorophenol	16.784	266	451	0.319	ng	#	85
25) Phenanthrene	17.168	178	3261	0.344	ng		100
26) Anthracene	17.268	178	3138	0.339	ng		98
28) Fluoranthene	19.206	202	2930	0.344	ng		99
30) Pyrene	19.568	202	2881	0.351	ng		98
32) Benzo(a)anthracene	21.331	228	1556	0.331	ng		98
33) Chrysene	21.384	228	1567	0.334	ng		95
34) Bis(2-ethylhexyl)phtha...	21.268	149	2319	0.340	ng	#	100
36) Indeno(1,2,3-cd)pyrene	25.967	276	1975	0.329	ng	#	81
37) Benzo(b)fluoranthene	22.938	252	1634	0.350	ng		94
38) Benzo(k)fluoranthene	22.987	252	1630	0.360	ng		97
39) Benzo(a)pyrene	23.534	252	1437	0.339	ng		95
40) Dibenzo(a,h)anthracene	26.005	278	1477	0.322	ng		96
41) Benzo(g,h,i)perylene	26.686	276	1665	0.328	ng		97

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

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