Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029196.D
Acq On : 27 Dec 2023 11:35
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 01:16:29 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 01:12:53 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :Sohil Jodhani 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	667	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1464	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	901	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1641	0.400	ng		0.00
29) Chrysene-d12	21.340	240	634	0.400	ng		0.00
35) Perylene-d12	23.628	264	711	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	550	0.355	ng		0.00
5) Phenol-d6	6.937	99	572	0.328	ng		0.00
8) Nitrobenzene-d5	8.907	82	573	0.312	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	840	0.332	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	214	0.308	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1519	0.314	ng		0.00
27) Fluoranthene-d10	19.173	212	1093	0.327	ng		0.00
31) Terphenyl-d14	19.787	244	625	0.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	238m	0.397	ng		
3) n-Nitrosodimethylamine	3.644	42	190	0.388	ng		82
6) bis(2-Chloroethyl)ether	7.190	93	380	0.319	ng		100
9) Naphthalene	10.573	128	1449	0.326	ng		100
10) Hexachlorobutadiene	10.840	225	420	0.331	ng	#	100
12) 2-Methylnaphthalene	12.193	142	1073	0.327	ng		100
16) Acenaphthylene	14.094	152	1890	0.320	ng		100
17) Acenaphthene	14.436	154	1176	0.321	ng		100
18) Fluorene	15.430	166	1702	0.322	ng		100
20) 4,6-Dinitro-2-methylph...	15.530	198	173	0.317	ng		100
21) 4-Bromophenyl-phenylether	16.337	248	445	0.314	ng		100
22) Hexachlorobenzene	16.424	284	526	0.316	ng		100
23) Atrazine	16.622	200	443	0.322	ng		100
24) Pentachlorophenol	16.784	266	330	0.305	ng		100
25) Phenanthrene	17.168	178	2346	0.323	ng		100
26) Anthracene	17.268	178	2307	0.325	ng		100
28) Fluoranthene	19.201	202	2129	0.327	ng		100
30) Pyrene	19.568	202	2147	0.336	ng		100
32) Benzo(a)anthracene	21.322	228	1203	0.328	ng		100
33) Chrysene	21.376	228	1189	0.325	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	1894	0.357	ng		99
36) Indeno(1,2,3-cd)pyrene	25.967	276	1615m	0.327	ng		
37) Benzo(b)fluoranthene	22.938	252	1247	0.324	ng		100
38) Benzo(k)fluoranthene	22.981	252	1178	0.316	ng		100
39) Benzo(a)pyrene	23.525	252	1104	0.316	ng		100
40) Dibenzo(a,h)anthracene	25.996	278	1208	0.321	ng		100
41) Benzo(g,h,i)perylene	26.680	276	1374	0.329	ng		100

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

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