Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029201.D
Acq On : 27 Dec 2023 15:46
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122723

Manual Integrations APPROVED

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

Quant Time: Dec 28 01:21:37 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	926	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	1844	0.400	ng		0.01
13) Acenaphthene-d10	14.383	164	1123	0.400	ng		0.01
19) Phenanthrene-d10	17.131	188	1849	0.400	ng		0.00
29) Chrysene-d12	21.340	240	613	0.400	ng		0.00
35) Perylene-d12	23.630	264	741	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	730	0.339	ng		0.00
5) Phenol-d6	6.944	99	800	0.331	ng		0.00
8) Nitrobenzene-d5	8.918	82	822	0.355	ng		0.01
11) 2-Methylnaphthalene-d10	12.121	152	1088	0.341	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	280	0.323	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	2156	0.358	ng		0.01
27) Fluoranthene-d10	19.173	212	1234m	0.328	ng		0.00
31) Terphenyl-d14	19.786	244	644	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	293m	0.348	ng		
3) n-Nitrosodimethylamine	3.644	42	253m	0.358	ng		
6) bis(2-Chloroethyl)ether	7.197	93	568m	0.344	ng		
9) Naphthalene	10.573	128	1919	0.343	ng		96
10) Hexachlorobutadiene	10.840	225	538	0.337	ng	#	95
12) 2-Methylnaphthalene	12.197	142	1395	0.337	ng		97
16) Acenaphthylene	14.105	152	2487	0.337	ng		99
17) Acenaphthene	14.436	154	1548	0.339	ng		99
18) Fluorene	15.430	166	2318	0.352	ng		98
20) 4,6-Dinitro-2-methylph...	15.542	198	226	0.351	ng		92
21) 4-Bromophenyl-phenylether	16.337	248	563	0.352	ng		96
22) Hexachlorobenzene	16.424	284	665	0.355	ng		98
23) Atrazine	16.635	200	538	0.347	ng		92
24) Pentachlorophenol	16.796	266	413m	0.339	ng		
25) Phenanthrene	17.181	178	2833	0.346	ng		98
26) Anthracene	17.268	178	2754	0.345	ng		98
28) Fluoranthene	19.206	202	2387m	0.325	ng		
30) Pyrene	19.568	202	2138	0.346	ng		99
32) Benzo(a)anthracene	21.331	228	1214	0.343	ng		97
33) Chrysene	21.375	228	1208	0.341	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	1731	0.337	ng		100
36) Indeno(1,2,3-cd)pyrene	25.972	276	1806	0.351	ng	#	73
37) Benzo(b)fluoranthene	22.938	252	1374	0.343	ng		97
38) Benzo(k)fluoranthene	22.984	252	1384	0.356	ng		97
39) Benzo(a)pyrene	23.531	252	1242	0.342	ng	#	93
40) Dibenzo(a,h)anthracene	25.999	278	1431m	0.364	ng		
41) Benzo(g,h,i)perylene	26.689	276	1580	0.363	ng		99

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

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