Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026774.D
Acq On : 01 Aug 2023 08:53
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 00:24:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:20:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	6657	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	19760	0.400	ng		0.00
13) Acenaphthene-d10	14.747	164	11198	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	24914	0.400	ng		0.00
29) Chrysene-d12	21.677	240	18776	0.400	ng		0.00
35) Perylene-d12	24.244	264	17762	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	3802	0.226	ng		0.00
5) Phenol-d6	7.243	99	4778	0.219	ng		0.00
8) Nitrobenzene-d5	9.305	82	2324	0.199	ng		0.00
11) 2-Methylnaphthalene-d10	12.525	152	5611	0.198	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	756	0.198	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	9246	0.202	ng		0.00
27) Fluoranthene-d10	19.514	212	11403	0.191	ng		0.00
31) Terphenyl-d14	20.108	244	8053	0.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	1674	0.215	ng		96
3) n-Nitrosodimethylamine	3.827	42	1827	0.211	ng	#	96
6) bis(2-Chloroethyl)ether	7.546	93	4138	0.210	ng		100
9) Naphthalene	11.002	128	10897	0.201	ng		99
10) Hexachlorobutadiene	11.248	225	2036	0.207	ng	#	100
12) 2-Methylnaphthalene	12.597	142	7273	0.196	ng		99
16) Acenaphthylene	14.480	152	10541	0.190	ng		100
17) Acenaphthene	14.812	154	6798	0.196	ng		99
18) Fluorene	15.792	166	8773	0.194	ng		98
20) 4,6-Dinitro-2-methylph...	16.946	198	68	0.169	ng	#	33
21) 4-Bromophenyl-phenylether	16.686	248	2937	0.195	ng		98
22) Hexachlorobenzene	16.760	284	3398	0.197	ng		100
23) Atrazine	16.946	200	1870	0.188	ng		97
24) Pentachlorophenol	17.120	266	825	0.185	ng		97
25) Phenanthrene	17.530	178	14820	0.196	ng		99
26) Anthracene	17.629	178	12419	0.184	ng		99
28) Fluoranthene	19.546	202	15643	0.186	ng		100
30) Pyrene	19.909	202	16510	0.203	ng		99
32) Benzo(a)anthracene	21.659	228	12195	0.189	ng		99
33) Chrysene	21.712	228	14278	0.200	ng		100
34) Bis(2-ethylhexyl)phtha...	21.560	149	3833	0.179	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.951	276	12609	0.174	ng		99
37) Benzo(b)fluoranthene	23.446	252	12710	0.179	ng		96
38) Benzo(k)fluoranthene	23.502	252	13091m	0.184	ng		
39) Benzo(a)pyrene	24.124	252	11227	0.176	ng		96
40) Dibenzo(a,h)anthracene	26.989	278	9761	0.173	ng		95
41) Benzo(g,h,i)perylene	27.802	276	12117	0.182	ng		97

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

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