Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029177.D
Acq On : 22 Dec 2023 15:07
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 23 03:42:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:40:55 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	1252	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	2314	0.400	ng		0.00
13) Acenaphthene-d10	14.425	164	1256	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	2127	0.400	ng		0.00
29) Chrysene-d12	21.393	240	932	0.400	ng		0.00
35) Perylene-d12	23.712	264	1084	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	332	0.116	ng		0.00
5) Phenol-d6	6.988	99	341	0.106	ng		0.00
8) Nitrobenzene-d5	8.961	82	297m	0.102	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	357	0.094	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	119	0.129	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	749	0.105	ng		0.00
27) Fluoranthene-d10	19.220	212	491	0.111	ng		0.00
31) Terphenyl-d14	19.833	244	288	0.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	85	0.077	ng	#	67
6) bis(2-Chloroethyl)ether	7.233	93	230	0.102	ng		95
9) Naphthalene	10.616	128	762	0.107	ng	#	86
10) Hexachlorobutadiene	10.882	225	244	0.111	ng	#	98
12) 2-Methylnaphthalene	12.246	142	526	0.104	ng		97
16) Acenaphthylene	14.147	152	839	0.101	ng	#	92
17) Acenaphthene	14.479	154	550	0.108	ng		96
18) Fluorene	15.484	166	754	0.105	ng		97
21) 4-Bromophenyl-phenylether	16.386	248	215	0.107	ng	#	72
22) Hexachlorobenzene	16.473	284	256	0.108	ng		89
23) Atrazine	16.672	200	194	0.107	ng	#	82
24) Pentachlorophenol	16.846	266	149	0.109	ng	#	87
25) Phenanthrene	17.218	178	1018	0.109	ng		93
26) Anthracene	17.317	178	942	0.105	ng		98
28) Fluoranthene	19.252	202	926	0.111	ng	#	96
30) Pyrene	19.615	202	922	0.105	ng		96
32) Benzo(a)anthracene	21.375	228	540	0.102	ng	#	93
33) Chrysene	21.429	228	526	0.102	ng	#	93
36) Indeno(1,2,3-cd)pyrene	26.095	276	738m	0.101	ng		
37) Benzo(b)fluoranthene	23.011	252	546	0.096	ng	#	63
38) Benzo(k)fluoranthene	23.057	252	631m	0.108	ng		
39) Benzo(a)pyrene	23.610	252	520	0.100	ng	#	64
40) Dibenzo(a,h)anthracene	26.124	278	521	0.094	ng	#	67
41) Benzo(g,h,i)perylene	26.823	276	605	0.097	ng	#	81

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

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