Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
Data File : BN024148.D
Acq On : 07 Mar 2023 16:53
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 08 02:19:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 08 02:17:11 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	7941	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	22360	0.400	ng		0.00
13) Acenaphthene-d10	14.688	164	11129	0.400	ng		-0.01
19) Phenanthrene-d10	17.439	188	22595	0.400	ng		0.00
29) Chrysene-d12	21.634	240	15477	0.400	ng	#	0.00
35) Perylene-d12	24.147	264	11997	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	3150	0.190	ng		0.00
5) Phenol-d6	7.205	99	4134	0.191	ng		0.00
8) Nitrobenzene-d5	9.217	82	1875	0.183	ng		-0.01
11) 2-Methylnaphthalene-d10	12.458	152	5338	0.150	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	760	0.165	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	8545	0.194	ng		0.00
27) Fluoranthene-d10	19.465	212	8236	0.180	ng		0.00
31) Terphenyl-d14	20.058	244	5361	0.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	1579	0.199	ng		97
3) n-Nitrosodimethylamine	3.774	42	2106	0.193	ng		98
6) bis(2-Chloroethyl)ether	7.472	93	4260	0.197	ng		100
9) Naphthalene	10.925	128	10919	0.194	ng		100
10) Hexachlorobutadiene	11.224	225	2210	0.198	ng	#	99
12) 2-Methylnaphthalene	12.503	142	76	0.278	ng	#	91
16) Acenaphthylene	14.410	152	9006	0.180	ng		99
17) Acenaphthene	14.752	154	6001	0.185	ng		99
18) Fluorene	15.739	166	7059	0.181	ng		99
20) 4,6-Dinitro-2-methylph...	15.801	198	284	0.246	ng	#	67
21) 4-Bromophenyl-phenylether	16.633	248	2261	0.186	ng		99
22) Hexachlorobenzene	16.744	284	3400	0.193	ng		98
23) Atrazine	16.881	200	1082	0.225	ng	#	90
24) Pentachlorophenol	17.079	266	864	0.254	ng		98
25) Phenanthrene	17.477	178	12520	0.187	ng		99
26) Anthracene	17.563	178	10199	0.174	ng		99
28) Fluoranthene	19.494	202	12658	0.178	ng		100
30) Pyrene	19.857	202	12813	0.191	ng		98
32) Benzo(a)anthracene	21.616	228	8990	0.188	ng		98
33) Chrysene	21.679	228	10491	0.193	ng		99
34) Bis(2-ethylhexyl)phtha...	21.545	149	3559	0.188	ng		98
36) Indeno(1,2,3-cd)pyrene	26.767	276	6516	0.169	ng		98
37) Benzo(b)fluoranthene	23.378	252	7875m	0.179	ng		
38) Benzo(k)fluoranthene	23.428	252	8314	0.174	ng		95
39) Benzo(a)pyrene	24.033	252	6924	0.170	ng	#	92
40) Dibenzo(a,h)anthracene	26.793	278	4600	0.162	ng		95
41) Benzo(g,h,i)perylene	27.576	276	6594	0.180	ng		97

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

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