Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025290.D
Acq On : 05 May 2023 22:01
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 08 02:34:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:26:10 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	5769	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	17401	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	11564	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	25566	0.400	ng		#-0.01
29) Chrysene-d12	21.500	240	27372	0.400	ng		0.00
35) Perylene-d12	23.927	264	29222	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	41600	2.963	ng		0.00
5) Phenol-d6	7.073	99	55427	3.146	ng		-0.01
8) Nitrobenzene-d5	9.073	82	46035	3.222	ng		-0.02
11) 2-Methylnaphthalene-d10	12.309	152	75165	3.160	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	20198	3.417	ng		-0.02
15) 2-Fluorobiphenyl	13.176	172	124939	3.151	ng		-0.01
27) Fluoranthene-d10	19.334	212	195743	3.096	ng		0.00
31) Terphenyl-d14	19.928	244	173282	3.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	17618	2.908	ng		93
3) n-Nitrosodimethylamine	3.650	42	29898	3.232	ng	#	98
6) bis(2-Chloroethyl)ether	7.333	93	49284	3.172	ng		99
9) Naphthalene	10.771	128	135426	3.034	ng		98
10) Hexachlorobutadiene	11.049	225	24781	2.934	ng	#	98
12) 2-Methylnaphthalene	12.381	142	99356	3.148	ng		98
16) Acenaphthylene	14.277	152	166054	3.207	ng		99
17) Acenaphthene	14.619	154	98973	3.073	ng		100
18) Fluorene	15.603	166	137514	3.116	ng		98
20) 4,6-Dinitro-2-methylph...	15.710	198	14983	2.966	ng	#	13
21) 4-Bromophenyl-phenylether	16.492	248	45360	3.187	ng	#	82
22) Hexachlorobenzene	16.616	284	47672	3.098	ng		99
23) Atrazine	16.765	200	39046	3.130	ng	#	92
24) Pentachlorophenol	16.976	266	16584m	3.050	ng		
25) Phenanthrene	17.348	178	219306	3.100	ng		100
26) Anthracene	17.435	178	216195	3.263	ng		100
28) Fluoranthene	19.367	202	270168	3.057	ng		99
30) Pyrene	19.730	202	282034	3.014	ng		100
32) Benzo(a)anthracene	21.482	228	279828	3.025	ng		99
33) Chrysene	21.535	228	277409	3.012	ng		99
34) Bis(2-ethylhexyl)phtha...	21.392	149	202156	2.785	ng		99
36) Indeno(1,2,3-cd)pyrene	26.439	276	365267	3.114	ng		100
37) Benzo(b)fluoranthene	23.182	252	294018	3.174	ng	#	91
38) Benzo(k)fluoranthene	23.232	252	297022	3.050	ng	#	91
39) Benzo(a)pyrene	23.816	252	293964	3.098	ng	#	89
40) Dibenzo(a,h)anthracene	26.456	278	293275	3.153	ng		94
41) Benzo(g,h,i)perylene	27.217	276	310295	3.054	ng		97

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

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