Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014230.D
Acq On : 07 Apr 2021 18:04
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
mohammad
4/8/2021 1:37:18 PM

Quant Time: Apr 07 18:35:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 18:22:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	10317	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	41064	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	26382	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	59464	0.40	ng	0.00
29) Chrysene-d12	21.290	240	59648	0.40	ng	#-0.01
36) Perylene-d12	23.538	264	61188	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	22292	0.91	ng	0.00
5) Phenol-d6	6.895	99	30009	0.94	ng	0.00
8) Nitrobenzene-d5	8.870	82	22994	0.81	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	55936	0.84	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	10777	1.10	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	77410	0.81	ng	0.00
27) Fluoranthene-d10	19.136	212	140467	0.82	ng	0.00
31) Terphenyl-d14	19.742	244	111714	0.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	9231	0.75	ng	# 81
3) n-Nitrosodimethylamine	3.633	42	4920	0.49	ng	# 69
6) bis(2-Chloroethyl)ether	7.161	93	21110	0.76	ng	94
9) Naphthalene	10.556	128	83344	0.82	ng	99
10) Hexachlorobutadiene	10.847	225	16342	0.86	ng	# 99
12) 2-Methylnaphthalene	12.173	142	60025	0.84	ng	99
16) Acenaphthylene	14.067	152	95156	0.91	ng	100
17) Acenaphthene	14.422	154	60291	0.81	ng	99
18) Fluorene	15.412	166	78228	0.83	ng	100
20) 4,6-Dinitro-2-methylph...	15.475	198	4648	0.55	ng	# 79
21) 4-Bromophenyl-phenylether	16.300	248	26023	0.82	ng	96
22) Hexachlorobenzene	16.410	284	28454	0.84	ng	97
23) Atrazine	16.568	200	25683	1.10	ng	99
24) Pentachlorophenol	16.751	266	11222	1.29	ng	96
25) Phenanthrene	17.140	178	126749	0.78	ng	100
26) Anthracene	17.237	178	123028	0.89	ng	100
28) Fluoranthene	19.166	202	148396	0.80	ng	99
30) Pyrene	19.528	202	153749	0.85	ng	99
32) Benzo(a)anthracene	21.279	228	151495	0.89	ng	100
33) Chrysene	21.332	228	148092	0.80	ng	99
34) Bis(2-ethylhexyl)phtha...	21.226	149	86073	1.47	ng	99
35) Indeno(1,2,3-cd)pyrene	25.800	276	184445	0.92	ng	99
37) Benzo(b)fluoranthene	22.864	252	160898	0.75	ng	97
38) Benzo(k)fluoranthene	22.908	252	156242m	0.73	ng	
39) Benzo(a)pyrene	23.439	252	145419	0.76	ng	# 91
40) Dibenzo(a,h)anthracene	25.821	278	154523	0.83	ng	97
41) Benzo(g,h,i)perylene	26.488	276	156257	0.83	ng	99

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

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