Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011512.D
Acq On : 19 Aug 2020 12:12
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 15:58:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 13:20:06 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
8/20/2020 12:20:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	956	0.40	ng		0.00
7) Naphthalene-d8	10.19	136	2741	0.40	ng		0.01
13) Acenaphthene-d10	14.06	164	2014	0.40	ng		0.00
19) Phenanthrene-d10	16.82	188	4202	0.40	ng		0.00
29) Chrysene-d12	21.05	240	4334	0.40	ng		0.00
36) Perylene-d12	23.16	264	4060	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	455	0.18	ng		0.00
5) Phenol-d6	6.65	99	498	0.16	ng		0.00
8) Nitrobenzene-d5	8.59	82	430	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	11.79	152	1230	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.59	330	191	0.21	ng		0.01
15) 2-Fluorobiphenyl	12.69	172	1896	0.22	ng		0.01
27) Fluoranthene-d10	18.87	212	2853	0.22	ng		0.00
31) Terphenyl-d14	19.49	244	2366	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	279	0.207	ng		90
3) n-Nitrosodimethylamine	3.55	42	86m	0.125	ng		
6) bis(2-Chloroethyl)ether	6.90	93	496	0.195	ng		87
9) Naphthalene	10.24	128	1737	0.214	ng	#	93
10) Hexachlorobutadiene	10.52	225	479	0.243	ng	#	97
12) 2-Methylnaphthalene	11.86	142	1442	0.250	ng		97
16) Acenaphthylene	13.79	152	2188	0.211	ng		98
17) Acenaphthene	14.13	154	1481	0.219	ng		100
18) Fluorene	15.13	166	1880	0.217	ng		98
20) 4,6-Dinitro-2-methylphenol	15.27	198	88	0.151	ng		84
21) 4-Bromophenyl-phenylether	16.03	248	889	0.319	ng	#	89
22) Hexachlorobenzene	16.14	284	728	0.230	ng		98
23) Atrazine	16.32	200	447m	0.206	ng		
24) Pentachlorophenol	16.51	266	188	0.192	ng		99
25) Phenanthrene	16.87	178	2916	0.213	ng		100
26) Anthracene	16.96	178	2426	0.213	ng		99
28) Fluoranthene	18.90	202	3515	0.226	ng		99
30) Pyrene	19.26	202	3659	0.187	ng		99
32) Benzo(a)anthracene	21.02	228	2941	0.202	ng		98
33) Chrysene	21.08	228	3474	0.213	ng		99
34) Bis(2-ethylhexyl)phthalate	20.98	149	1155	0.148	ng		98
35) Indeno(1,2,3-cd)pyrene	25.21	276	4183	0.263	ng		98
37) Benzo(b)fluoranthene	22.54	252	3511	0.217	ng	#	91
38) Benzo(k)fluoranthene	22.58	252	3781m	0.212	ng		
39) Benzo(a)pyrene	23.07	252	3029	0.216	ng	#	88
40) Dibenzo(a,h)anthracene	25.22	278	3348	0.230	ng	#	89
41) Benzo(g,h,i)perylene	25.82	276	3537	0.219	ng		96

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

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