Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011511.D
Acq On : 19 Aug 2020 11:36
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Manual Integrations APPROVED
mohammad
8/20/2020 12:20:57 PM

Quant Time: Aug 19 13:44:51 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	917	0.40	ng		0.00
7) Naphthalene-d8	10.19	136	3028	0.40	ng		0.01
13) Acenaphthene-d10	14.06	164	1994	0.40	ng		0.00
19) Phenanthrene-d10	16.83	188	4518	0.40	ng		0.01
29) Chrysene-d12	21.05	240	4620	0.40	ng		0.00
36) Perylene-d12	23.16	264	3983	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	223	0.09	ng		0.00
5) Phenol-d6	6.66	99	242	0.08	ng		0.00
8) Nitrobenzene-d5	8.62	82	237	0.09	ng		0.03
11) 2-Methylnaphthalene-d10	11.80	152	692	0.13	ng		0.02
14) 2,4,6-Tribromophenol	15.59	330	91	0.10	ng		0.01
15) 2-Fluorobiphenyl	12.69	172	971	0.11	ng		0.01
27) Fluoranthene-d10	18.87	212	1340	0.10	ng		0.00
31) Terphenyl-d14	19.49	244	1104	0.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	130	0.101	ng	#	86
6) bis(2-Chloroethyl)ether	6.91	93	133	0.055	ng		98
9) Naphthalene	10.24	128	1068	0.119	ng	#	80
10) Hexachlorobutadiene	10.52	225	259	0.119	ng	#	96
12) 2-Methylnaphthalene	11.87	142	750	0.118	ng	#	94
16) Acenaphthylene	13.79	152	1138	0.111	ng		98
17) Acenaphthene	14.13	154	726	0.108	ng		98
18) Fluorene	15.13	166	863	0.100	ng		98
20) 4,6-Dinitro-2-methylphenol	15.30	198	36	0.058	ng	#	69
21) 4-Bromophenyl-phenylether	16.04	248	593m	0.198	ng		
22) Hexachlorobenzene	16.14	284	364	0.107	ng		98
23) Atrazine	16.34	200	201	0.086	ng	#	72
25) Phenanthrene	16.87	178	1571	0.107	ng		98
26) Anthracene	16.97	178	1265	0.104	ng		98
28) Fluoranthene	18.90	202	1739	0.104	ng		99
30) Pyrene	19.27	202	1811	0.087	ng		99
32) Benzo(a)anthracene	21.04	228	1666m	0.108	ng		
33) Chrysene	21.08	228	2084	0.120	ng		96
34) Bis(2-ethylhexyl)phthalate	20.98	149	621	0.075	ng		99
35) Indeno(1,2,3-cd)pyrene	25.21	276	2076	0.122	ng		99
37) Benzo(b)fluoranthene	22.54	252	1891	0.119	ng	#	72
38) Benzo(k)fluoranthene	22.58	252	1814	0.104	ng	#	73
39) Benzo(a)pyrene	23.07	252	1618	0.117	ng	#	64
40) Dibenzo(a,h)anthracene	25.22	278	1642	0.115	ng	#	70
41) Benzo(g,h,i)perylene	25.83	276	1936	0.122	ng	#	87

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

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