Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011603.D
Acq On : 24 Aug 2020 18:46
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
mohammad
8/25/2020 4:20:16 PM

Quant Time: Aug 24 19:49:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2070	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	8478	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5592	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	12717	0.40	ng		0.00
29) Chrysene-d12	21.33	240	14072	0.40	ng		0.00
36) Perylene-d12	23.59	264	13732	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	5253	1.19	ng		0.00
5) Phenol-d6	6.92	99	7398	1.66	ng		0.00
8) Nitrobenzene-d5	8.89	82	5586	1.00	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	12319	0.81	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	2325	0.84	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	16833	0.73	ng		0.00
27) Fluoranthene-d10	19.17	212	31599	0.74	ng		0.00
31) Terphenyl-d14	19.78	244	27234	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2480	0.877	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	2755	2.362	ng	#	96
6) bis(2-Chloroethyl)ether	7.18	93	5154	1.181	ng		97
9) Naphthalene	10.59	128	18711	0.762	ng		96
10) Hexachlorobutadiene	10.90	225	3968	0.577	ng	#	98
12) 2-Methylnaphthalene	12.21	142	13768	0.814	ng		98
16) Acenaphthylene	14.12	152	22526	0.792	ng		99
17) Acenaphthene	14.46	154	14316	0.767	ng		98
18) Fluorene	15.45	166	18437	0.747	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	1064	0.693	ng		80
21) 4-Bromophenyl-phenylether	16.34	248	5662	2.038	ng		94
22) Hexachlorobenzene	16.44	284	6569	0.670	ng		99
23) Atrazine	16.60	200	5738	0.867	ng		96
24) Pentachlorophenol	16.79	266	2934	0.960	ng		97
25) Phenanthrene	17.19	178	30238	0.755	ng		99
26) Anthracene	17.27	178	29828	0.893	ng		99
28) Fluoranthene	19.20	202	36278	0.704	ng		100
30) Pyrene	19.57	202	37187	0.664	ng		100
32) Benzo(a)anthracene	21.31	228	37435	0.810	ng		99
33) Chrysene	21.36	228	36071	0.686	ng		100
34) Bis(2-ethylhexyl)phthalate	21.27	149	23863	1.038	ng		96
35) Indeno(1,2,3-cd)pyrene	25.87	276	44841	0.939	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	39004m	0.768	ng		
38) Benzo(k)fluoranthene	22.96	252	37610	0.622	ng	#	92
39) Benzo(a)pyrene	23.49	252	35535	0.756	ng		95
40) Dibenzo(a,h)anthracene	25.89	278	37362	0.951	ng	#	94
41) Benzo(g,h,i)perylene	26.57	276	36034	0.769	ng		97

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

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