Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
Data File : BN011073.D
Acq On : 30 Jun 2020 09:56
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
7/1/2020 2:32:33 PM

Quant Time: Jun 30 12:35:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 11:38:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1831	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5594	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	2921	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	5856	0.40	ng		0.00
29) Chrysene-d12	21.11	240	5301	0.40	ng		0.00
36) Perylene-d12	23.25	264	5096	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	462	0.09	ng		0.00
5) Phenol-d6	6.74	99	497	0.08	ng		0.00
8) Nitrobenzene-d5	8.68	82	421	0.08	ng		0.03
11) 2-Methylnaphthalene-d10	11.88	152	1080	0.11	ng		0.01
14) 2,4,6-Tribromophenol	15.67	330	135	0.11	ng		0.01
15) 2-Fluorobiphenyl	12.77	172	1426	0.10	ng		0.01
27) Fluoranthene-d10	18.94	212	1990	0.11	ng		0.00
31) Terphenyl-d14	19.56	244	1603	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	265	0.108	ng		98
6) bis(2-Chloroethyl)ether	6.98	93	464	0.088	ng		97
9) Naphthalene	10.32	128	1849	0.109	ng	#	92
10) Hexachlorobutadiene	10.61	225	475	0.116	ng	#	96
12) 2-Methylnaphthalene	11.96	142	1250	0.110	ng	#	94
16) Acenaphthylene	13.85	152	1575	0.107	ng		99
17) Acenaphthene	14.21	154	1119	0.113	ng		99
18) Fluorene	15.21	166	1369	0.109	ng		99
20) 4,6-Dinitro-2-methylphenol	15.38	198	36	0.037	ng	#	46
21) 4-Bromophenyl-phenylether	16.11	248	361	0.089	ng		98
22) Hexachlorobenzene	16.20	284	524	0.117	ng		94
23) Atrazine	16.40	200	283	0.095	ng	#	77
25) Phenanthrene	16.95	178	2083	0.106	ng		98
26) Anthracene	17.04	178	1610	0.098	ng		100
28) Fluoranthene	18.97	202	2281	0.101	ng		97
30) Pyrene	19.33	202	2323	0.114	ng		99
32) Benzo(a)anthracene	21.10	228	1854m	0.101	ng		
33) Chrysene	21.14	228	2428	0.121	ng		95
34) Bis(2-ethylhexyl)phthalate	21.05	149	900	0.122	ng		100
35) Indeno(1,2,3-cd)pyrene	25.36	276	2473	0.111	ng		98
37) Benzo(b)fluoranthene	22.62	252	2169	0.108	ng	#	65
38) Benzo(k)fluoranthene	22.67	252	2355	0.112	ng	#	65
39) Benzo(a)pyrene	23.17	252	1980	0.111	ng	#	52
40) Dibenzo(a,h)anthracene	25.38	278	1981	0.103	ng	#	64
41) Benzo(g,h,i)perylene	25.98	276	2252	0.113	ng	#	87

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

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