Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
Data File : BN011274.D
Acq On : 28 Jul 2020 10:58
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
7/29/2020 11:49:48 AM

Quant Time: Jul 28 12:20:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 12:05:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1265	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4482	0.40	ng		0.01
13) Acenaphthene-d10	14.10	164	3055	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	6190	0.40	ng		0.01
29) Chrysene-d12	21.09	240	5321	0.40	ng		0.00
36) Perylene-d12	23.22	264	4608	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	743	0.24	ng		0.00
5) Phenol-d6	6.69	99	882	0.25	ng		0.00
8) Nitrobenzene-d5	8.64	82	801	0.20	ng		0.01
11) 2-Methylnaphthalene-d10	11.83	152	1810	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	272	0.20	ng		0.01
15) 2-Fluorobiphenyl	12.73	172	2613	0.18	ng		0.01
27) Fluoranthene-d10	18.91	212	4642	0.24	ng		0.00
31) Terphenyl-d14	19.53	244	3636	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	373	0.206	ng	#	88
3) n-Nitrosodimethylamine	3.54	42	166	0.182	ng	#	87
6) bis(2-Chloroethyl)ether	6.94	93	716	0.222	ng		90
9) Naphthalene	10.28	128	2852	0.214	ng	#	94
10) Hexachlorobutadiene	10.57	225	735	0.222	ng	#	100
12) 2-Methylnaphthalene	11.91	142	1984	0.237	ng		96
16) Acenaphthylene	13.82	152	3081	0.198	ng		99
17) Acenaphthene	14.17	154	2248	0.217	ng		97
18) Fluorene	15.17	166	2737	0.206	ng		100
20) 4,6-Dinitro-2-methylphenol	15.31	198	122	0.150	ng	#	62
21) 4-Bromophenyl-phenylether	16.08	248	894	0.212	ng	#	87
22) Hexachlorobenzene	16.18	284	1035	0.211	ng		99
23) Atrazine	16.36	200	670	0.227	ng	#	92
24) Pentachlorophenol	16.54	266	263	0.181	ng		99
25) Phenanthrene	16.91	178	4346	0.219	ng		99
26) Anthracene	17.00	178	3397	0.206	ng		100
28) Fluoranthene	18.94	202	5541	0.232	ng		99
30) Pyrene	19.31	202	5395	0.266	ng		99
32) Benzo(a)anthracene	21.07	228	3606	0.209	ng		96
33) Chrysene	21.12	228	4517	0.214	ng		99
34) Bis(2-ethylhexyl)phthalate	21.02	149	2098	0.295	ng		100
35) Indeno(1,2,3-cd)pyrene	25.30	276	4358	0.198	ng		97
37) Benzo(b)fluoranthene	22.59	252	3919	0.212	ng	#	89
38) Benzo(k)fluoranthene	22.63	252	4474m	0.214	ng		
39) Benzo(a)pyrene	23.13	252	3410	0.205	ng	#	83
40) Dibenzo(a,h)anthracene	25.32	278	3440	0.195	ng	#	87
41) Benzo(g,h,i)perylene	25.92	276	3997	0.206	ng		97

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

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