Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010204.D
Acq On : 11 Mar 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/16/2020 1:46:01 PM

Quant Time: Mar 12 08:02:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 17:37:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	597	0.40	ng		0.02
7) Naphthalene-d8	10.14	136	2498	0.40	ng		0.03
13) Acenaphthene-d10	14.01	164	1268	0.40	ng		0.01
19) Phenanthrene-d10	16.79	188	2838	0.40	ng		0.02
27) Chrysene-d12	21.00	240	2599	0.40	ng		0.01
34) Perylene-d12	23.10	264	2898	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	492	0.37	ng		0.03
5) Phenol-d6	6.67	99	836m	0.52	ng		0.06
8) Nitrobenzene-d5	8.62	82	714	0.34	ng		0.06
11) 2-Methylnaphthalene-d10	11.76	152	1552	0.32	ng		0.03
14) 2,4,6-Tribromophenol	15.56	330	215	0.44	ng		0.02
15) 2-Fluorobiphenyl	12.65	172	1943	0.41	ng		0.02
25) Fluoranthene-d10	18.83	212	3875	0.39	ng		0.01
29) Terphenyl-d14	19.45	244	2687	0.43	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	290	0.474	ng		90
3) n-Nitrosodimethylamine	3.43	42	785m	0.782	ng		
6) bis(2-Chloroethyl)ether	6.88	93	462	0.294	ng	#	72
9) Naphthalene	10.19	128	2674	0.392	ng		95
10) Hexachlorobutadiene	10.43	225	623	0.416	ng	#	95
12) 2-Methylnaphthalene	11.84	142	1444	0.309	ng		96
16) Acenaphthylene	13.73	152	2107	0.390	ng		98
17) Acenaphthene	14.08	154	1539	0.405	ng		100
18) Fluorene	15.09	166	1999	0.399	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	452	0.170	ng		92
21) Hexachlorobenzene	16.09	284	734	0.415	ng		97
22) Pentachlorophenol	16.49	266	159	0.447	ng		93
23) Phenanthrene	16.83	178	3101	0.367	ng		99
24) Anthracene	16.94	178	2626	0.368	ng		99
26) Fluoranthene	18.86	202	3959	0.391	ng		99
28) Pyrene	19.23	202	4029	0.408	ng		99
30) Benzo(a)anthracene	20.99	228	2875	0.333	ng		99
31) Chrysene	21.04	228	4435	0.444	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1633	0.388	ng		99
33) Indeno(1,2,3-cd)pyrene	25.15	276	4509	0.434	ng		97
35) Benzo(b)fluoranthene	22.49	252	3775	0.356	ng	#	95
36) Benzo(k)fluoranthene	22.53	252	4684	0.406	ng		98
37) Benzo(a)pyrene	23.02	252	3897	0.403	ng	#	92
38) Dibenzo(a,h)anthracene	25.16	278	3508	0.369	ng		95
39) Benzo(g,h,i)perylene	25.77	276	4298	0.424	ng		99

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

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