Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011030.D
Acq On : 23 Jun 2020 13:40
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 23 16:44:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 16:32:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2564	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	8818	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4725	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	9529	0.40	ng		0.00
29) Chrysene-d12	21.11	240	9946	0.40	ng		0.00
36) Perylene-d12	23.26	264	8509	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	835	0.17	ng		0.00
5) Phenol-d6	6.72	99	971	0.16	ng		0.00
8) Nitrobenzene-d5	8.66	82	903	0.14	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	1698	0.12	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	228	0.14	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	2448	0.14	ng		0.00
27) Fluoranthene-d10	18.94	212	3488	0.14	ng		0.00
31) Terphenyl-d14	19.56	244	3058	0.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	324	0.129	ng		93
6) bis(2-Chloroethyl)ether	6.97	93	850	0.144	ng		99
9) Naphthalene	10.32	128	2915	0.133	ng		94
10) Hexachlorobutadiene	10.61	225	703	0.132	ng	#	97
12) 2-Methylnaphthalene	11.94	142	1965	0.131	ng		97
16) Acenaphthylene	13.85	152	2546	0.133	ng		99
17) Acenaphthene	14.21	154	1790	0.137	ng		99
18) Fluorene	15.20	166	2325	0.137	ng		98
20) 4,6-Dinitro-2-methylphenol	15.31	198	129	0.112	ng	#	29
21) 4-Bromophenyl-phenylether	16.11	248	723	0.132	ng	#	78
22) Hexachlorobenzene	16.22	284	832	0.143	ng		99
23) Atrazine	16.39	200	529	0.157	ng	#	92
25) Phenanthrene	16.93	178	3583	0.139	ng		99
26) Anthracene	17.03	178	2836	0.132	ng		99
28) Fluoranthene	18.97	202	4220	0.147	ng		99
30) Pyrene	19.34	202	4430	0.139	ng		99
32) Benzo(a)anthracene	21.10	228	3829	0.133	ng		98
33) Chrysene	21.16	228	4326	0.132	ng		98
34) Bis(2-ethylhexyl)phthalate	21.06	149	1684	0.165	ng		97
35) Indeno(1,2,3-cd)pyrene	25.37	276	4188	0.115	ng		99
37) Benzo(b)fluoranthene	22.63	252	3760	0.132	ng	#	77
38) Benzo(k)fluoranthene	22.67	252	3873	0.129	ng	#	76
39) Benzo(a)pyrene	23.17	252	3217	0.131	ng	#	66
40) Dibenzo(a,h)anthracene	25.38	278	3330	0.122	ng	#	78
41) Benzo(g,h,i)perylene	26.00	276	3668	0.129	ng		91

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

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