Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011036.D
Acq On : 23 Jun 2020 18:15
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jun 23 18:45:59 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	2796	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	9304	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	5076	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	9037	0.40	ng		0.00
29) Chrysene-d12	21.11	240	10654	0.40	ng		-0.01
36) Perylene-d12	23.26	264	8631	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	34731	6.31	ng		0.00
5) Phenol-d6	6.72	99	40972	6.15	ng		0.00
8) Nitrobenzene-d5	8.66	82	35273	5.25	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	65154	4.51	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	10084	5.58	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	93599	4.84	ng		0.00
27) Fluoranthene-d10	18.94	212	142799	6.02	ng		0.00
31) Terphenyl-d14	19.55	244	115743	4.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	16155	5.901	ng		98
3) n-Nitrosodimethylamine	3.53	42	10061	6.265	ng	#	93
6) bis(2-Chloroethyl)ether	6.97	93	32809	5.097	ng		98
9) Naphthalene	10.32	128	118452	5.139	ng		98
10) Hexachlorobutadiene	10.61	225	27040	4.799	ng	#	99
12) 2-Methylnaphthalene	11.94	142	75609	4.767	ng		99
16) Acenaphthylene	13.85	152	126067	6.125	ng		100
17) Acenaphthene	14.21	154	76775	5.470	ng		97
18) Fluorene	15.20	166	87740	4.815	ng		100
20) 4,6-Dinitro-2-methylphenol	15.29	198	9115	8.351	ng	#	84
21) 4-Bromophenyl-phenylether	16.10	248	28880	5.550	ng		98
22) Hexachlorobenzene	16.22	284	30209	5.482	ng		99
23) Atrazine	16.39	200	22849	7.161	ng		96
24) Pentachlorophenol	16.56	266	11736	6.354	ng		96
25) Phenanthrene	16.93	178	137690	5.626	ng		100
26) Anthracene	17.03	178	124303	6.111	ng		100
28) Fluoranthene	18.97	202	170523	6.275	ng		99
30) Pyrene	19.33	202	168996	4.933	ng		99
32) Benzo(a)anthracene	21.09	228	173574	5.637	ng		99
33) Chrysene	21.14	228	173480	4.923	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	68752	6.288	ng		100
35) Indeno(1,2,3-cd)pyrene	25.35	276	182759	4.692	ng		99
37) Benzo(b)fluoranthene	22.62	252	160818	5.583	ng	#	92
38) Benzo(k)fluoranthene	22.66	252	161539	5.301	ng	#	90
39) Benzo(a)pyrene	23.16	252	141438	5.669	ng	#	88
40) Dibenzo(a,h)anthracene	25.36	278	149827	5.396	ng		94
41) Benzo(g,h,i)perylene	25.99	276	147628	5.114	ng		97

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

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