Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011035.D
Acq On : 23 Jun 2020 17:39
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jun 23 18:21:11 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	2495	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	7749	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4180	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	8309	0.40	ng		0.00
29) Chrysene-d12	21.11	240	8830	0.40	ng		0.00
36) Perylene-d12	23.26	264	7806	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	21359	4.35	ng		0.00
5) Phenol-d6	6.72	99	23919	4.02	ng		0.00
8) Nitrobenzene-d5	8.66	82	21700	3.88	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	40677	3.38	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	5992	4.02	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	58954	3.71	ng		0.00
27) Fluoranthene-d10	18.94	212	83250	3.82	ng		0.00
31) Terphenyl-d14	19.55	244	77185	3.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	10486	4.292	ng		95
3) n-Nitrosodimethylamine	3.54	42	6288	4.388	ng	#	90
6) bis(2-Chloroethyl)ether	6.97	93	20447	3.560	ng		98
9) Naphthalene	10.32	128	70293	3.662	ng		98
10) Hexachlorobutadiene	10.61	225	16892	3.599	ng	#	99
12) 2-Methylnaphthalene	11.94	142	47616	3.604	ng		99
16) Acenaphthylene	13.85	152	67466	3.980	ng		100
17) Acenaphthene	14.21	154	42787	3.702	ng		99
18) Fluorene	15.20	166	61533	4.101	ng		99
20) 4,6-Dinitro-2-methylphenol	15.29	198	5774	5.754	ng	#	87
21) 4-Bromophenyl-phenylether	16.10	248	17385	3.633	ng		97
22) Hexachlorobenzene	16.22	284	18745	3.700	ng		99
23) Atrazine	16.39	200	13436	4.580	ng		95
24) Pentachlorophenol	16.56	266	6619	3.898	ng		97
25) Phenanthrene	16.93	178	85246	3.788	ng		100
26) Anthracene	17.03	178	74250	3.970	ng		100
28) Fluoranthene	18.97	202	102386	4.098	ng		100
30) Pyrene	19.33	202	112022	3.945	ng		99
32) Benzo(a)anthracene	21.09	228	94735	3.712	ng		99
33) Chrysene	21.14	228	95743	3.278	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	36104	3.984	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	113193	3.506	ng		99
37) Benzo(b)fluoranthene	22.62	252	96528	3.705	ng	#	91
38) Benzo(k)fluoranthene	22.66	252	99096	3.595	ng	#	91
39) Benzo(a)pyrene	23.16	252	84748	3.756	ng	#	88
40) Dibenzo(a,h)anthracene	25.36	278	92934	3.700	ng		94
41) Benzo(g,h,i)perylene	25.99	276	102435	3.923	ng		97

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

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