Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011624.D
Acq On : 25 Aug 2020 20:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 26 00:35:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2281	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	9353	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	5907	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	13137	0.40	ng		0.00
29) Chrysene-d12	21.33	240	13650	0.40	ng		0.00
36) Perylene-d12	23.59	264	14087	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2792	0.38	ng		0.00
5) Phenol-d6	6.92	99	3931	0.38	ng		0.00
8) Nitrobenzene-d5	8.89	82	3395	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6820	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1091	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	9405	0.41	ng		-0.01
27) Fluoranthene-d10	19.17	212	16154	0.38	ng		0.00
31) Terphenyl-d14	19.78	244	14458	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1484	0.419	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1569	0.421	ng	#	92
6) bis(2-Chloroethyl)ether	7.18	93	3013	0.411	ng		97
9) Naphthalene	10.59	128	10606	0.399	ng		94
10) Hexachlorobutadiene	10.88	225	2285	0.410	ng	#	98
12) 2-Methylnaphthalene	12.21	142	7652	0.390	ng		98
16) Acenaphthylene	14.10	152	11427	0.367	ng		99
17) Acenaphthene	14.46	154	7830	0.397	ng		98
18) Fluorene	15.44	166	9859	0.386	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	665	0.439	ng	#	38
21) 4-Bromophenyl-phenylether	16.34	248	2996	0.391	ng	#	75
22) Hexachlorobenzene	16.45	284	3650	0.412	ng		99
23) Atrazine	16.60	200	2029	0.268	ng	#	93
24) Pentachlorophenol	16.79	266	1308	0.335	ng		97
25) Phenanthrene	17.18	178	16351	0.401	ng		100
26) Anthracene	17.27	178	14852	0.369	ng		100
28) Fluoranthene	19.20	202	18998	0.384	ng		99
30) Pyrene	19.56	202	19412	0.401	ng		100
32) Benzo(a)anthracene	21.31	228	19828	0.403	ng		99
33) Chrysene	21.36	228	19732	0.420	ng		99
34) Bis(2-ethylhexyl)phthalate	21.26	149	9439	0.254	ng		95
35) Indeno(1,2,3-cd)pyrene	25.86	276	24148	0.422	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	20898	0.410	ng		96
38) Benzo(k)fluoranthene	22.95	252	20518	0.404	ng	#	93
39) Benzo(a)pyrene	23.49	252	18797	0.395	ng		97
40) Dibenzo(a,h)anthracene	25.88	278	20094	0.404	ng	#	94
41) Benzo(g,h,i)perylene	26.56	276	19506	0.404	ng		96

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

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