Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011642.D
Acq On : 26 Aug 2020 07:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 26 08:09:15 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	2948	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	11626	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	7411	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	16850	0.40	ng		-0.01
29) Chrysene-d12	21.32	240	17210	0.40	ng		-0.01
36) Perylene-d12	23.58	264	17230	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	3386	0.36	ng		0.00
5) Phenol-d6	6.91	99	4712	0.35	ng		0.00
8) Nitrobenzene-d5	8.89	82	4330	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.13	152	8537	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1438	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	12182	0.42	ng		-0.01
27) Fluoranthene-d10	19.17	212	20345	0.37	ng		0.00
31) Terphenyl-d14	19.77	244	18472	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1808	0.395	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	2262	0.470	ng	#	90
6) bis(2-Chloroethyl)ether	7.18	93	3827	0.404	ng		96
9) Naphthalene	10.58	128	13250	0.401	ng		94
10) Hexachlorobutadiene	10.88	225	2971	0.429	ng	#	97
12) 2-Methylnaphthalene	12.20	142	9634	0.395	ng		98
16) Acenaphthylene	14.10	152	14313	0.366	ng		99
17) Acenaphthene	14.45	154	10062	0.406	ng		98
18) Fluorene	15.44	166	12813	0.400	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	993	0.511	ng	#	21
21) 4-Bromophenyl-phenylether	16.34	248	3950	0.402	ng	#	65
22) Hexachlorobenzene	16.44	284	4775	0.420	ng		99
23) Atrazine	16.60	200	2517	0.259	ng	#	91
24) Pentachlorophenol	16.79	266	1660	0.331	ng		95
25) Phenanthrene	17.18	178	21060	0.402	ng		100
26) Anthracene	17.26	178	18826	0.365	ng		100
28) Fluoranthene	19.20	202	24695	0.389	ng		99
30) Pyrene	19.56	202	24769	0.406	ng		100
32) Benzo(a)anthracene	21.31	228	24212	0.390	ng		98
33) Chrysene	21.35	228	24677	0.417	ng		98
34) Bis(2-ethylhexyl)phthalate	21.26	149	10033	0.198	ng		96
35) Indeno(1,2,3-cd)pyrene	25.86	276	31094	0.431	ng	#	100
37) Benzo(b)fluoranthene	22.90	252	26048	0.417	ng	#	93
38) Benzo(k)fluoranthene	22.95	252	26305	0.424	ng	#	89
39) Benzo(a)pyrene	23.48	252	22656	0.389	ng	#	94
40) Dibenzo(a,h)anthracene	25.87	278	25794	0.424	ng	#	91
41) Benzo(g,h,i)perylene	26.55	276	24826	0.421	ng	#	94

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

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