Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011659.D
Acq On : 27 Aug 2020 12:02
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 27 12:40:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 11:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1881	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	6881	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4142	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	8906	0.40	ng		0.00
29) Chrysene-d12	21.32	240	10010	0.40	ng		0.00
36) Perylene-d12	23.59	264	10036	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	8564	1.42	ng		0.00
5) Phenol-d6	6.91	99	11630	1.37	ng		0.00
8) Nitrobenzene-d5	8.88	82	11039	1.85	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	20393	1.57	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	3230	1.42	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	28946	1.80	ng		0.00
27) Fluoranthene-d10	19.17	212	46302	1.60	ng		0.00
31) Terphenyl-d14	19.77	244	39860	1.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	4924	1.688	ng		95
3) n-Nitrosodimethylamine	3.58	42	5888	1.917	ng	#	95
6) bis(2-Chloroethyl)ether	7.17	93	9588	1.587	ng		99
9) Naphthalene	10.58	128	32579	1.665	ng		99
10) Hexachlorobutadiene	10.87	225	7259	1.771	ng	#	98
12) 2-Methylnaphthalene	12.20	142	23161	1.604	ng		100
16) Acenaphthylene	14.10	152	33558	1.537	ng		100
17) Acenaphthene	14.45	154	23328	1.685	ng		97
18) Fluorene	15.44	166	29140	1.626	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	2447	2.383	ng	#	60
21) 4-Bromophenyl-phenylether	16.32	248	8591	1.654	ng		97
22) Hexachlorobenzene	16.43	284	10467	1.743	ng		99
23) Atrazine	16.59	200	7473	1.456	ng		99
24) Pentachlorophenol	16.77	266	4156	1.568	ng		97
25) Phenanthrene	17.18	178	47131	1.703	ng		99
26) Anthracene	17.26	178	42268	1.551	ng		100
28) Fluoranthene	19.20	202	56145	1.675	ng		100
30) Pyrene	19.56	202	56167	1.583	ng		100
32) Benzo(a)anthracene	21.31	228	58082	1.609	ng		99
33) Chrysene	21.36	228	59905	1.741	ng		100
34) Bis(2-ethylhexyl)phthalate	21.26	149	22405	0.872	ng		99
35) Indeno(1,2,3-cd)pyrene	25.86	276	78874	1.878	ng		100
37) Benzo(b)fluoranthene	22.91	252	64652	1.778	ng		96
38) Benzo(k)fluoranthene	22.95	252	63691	1.761	ng	#	96
39) Benzo(a)pyrene	23.49	252	56825	1.677	ng	#	94
40) Dibenzo(a,h)anthracene	25.88	278	65523	1.850	ng		97
41) Benzo(g,h,i)perylene	26.55	276	63720	1.853	ng		99

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

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