Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011144.D
Acq On : 10 Jul 2020 11:58
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jul 10 12:28:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1713	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5290	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2772	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	5679	0.40	ng		0.00
29) Chrysene-d12	21.10	240	6196	0.40	ng		0.00
36) Perylene-d12	23.24	264	4658	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	6677	1.57	ng		0.00
5) Phenol-d6	6.71	99	8644	1.76	ng		0.00
8) Nitrobenzene-d5	8.64	82	8562	1.90	ng		-0.01
11) 2-Methylnaphthalene-d10	11.85	152	14818	1.62	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	1982	1.70	ng		-0.01
15) 2-Fluorobiphenyl	12.75	172	21490	1.65	ng		0.00
27) Fluoranthene-d10	18.92	212	28164	1.64	ng		0.00
31) Terphenyl-d14	19.54	244	23700	1.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	3881	1.607	ng		97
3) n-Nitrosodimethylamine	3.55	42	2180	1.786	ng	#	93
6) bis(2-Chloroethyl)ether	6.96	93	7374	1.657	ng		96
9) Naphthalene	10.30	128	25761	1.631	ng		97
10) Hexachlorobutadiene	10.60	225	6522	1.630	ng	#	99
12) 2-Methylnaphthalene	11.92	142	17112	1.620	ng		99
16) Acenaphthylene	13.84	152	23265	1.674	ng		99
17) Acenaphthene	14.18	154	15197	1.614	ng		99
18) Fluorene	15.19	166	19171	1.629	ng		99
20) 4,6-Dinitro-2-methylphenol	15.29	198	1478	2.436	ng	#	60
21) 4-Bromophenyl-phenylether	16.08	248	6402	1.696	ng	#	90
22) Hexachlorobenzene	16.19	284	6847	1.539	ng		98
23) Atrazine	16.38	200	4452	1.668	ng		93
24) Pentachlorophenol	16.55	266	2099	1.753	ng		98
25) Phenanthrene	16.92	178	29794	1.620	ng		100
26) Anthracene	17.02	178	25193	1.656	ng		100
28) Fluoranthene	18.95	202	34712	1.678	ng		100
30) Pyrene	19.32	202	33913	1.467	ng		100
32) Benzo(a)anthracene	21.08	228	33318	1.609	ng		97
33) Chrysene	21.13	228	37757	1.589	ng		99
34) Bis(2-ethylhexyl)phthalate	21.04	149	11569	1.382	ng		97
35) Indeno(1,2,3-cd)pyrene	25.32	276	34351	1.383	ng		98
37) Benzo(b)fluoranthene	22.61	252	31352	1.679	ng	#	91
38) Benzo(k)fluoranthene	22.65	252	33684	1.685	ng	#	90
39) Benzo(a)pyrene	23.14	252	26622	1.654	ng	#	85
40) Dibenzo(a,h)anthracene	25.34	278	27986	1.697	ng		91
41) Benzo(g,h,i)perylene	25.95	276	30250	1.665	ng		98

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

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