Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102620\
Data File : BN012394.D
Acq On : 26 Oct 2020 11:27
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 26 12:48:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 12:39:15 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.586	152	541	0.40	ng		# 0.00
7) Naphthalene-d8	10.351	136	2180	0.40	ng		# 0.00
13) Acenaphthene-d10	14.230	164	1232	0.40	ng		0.01
19) Phenanthrene-d10	16.980	188	2705	0.40	ng		# 0.01
29) Chrysene-d12	21.184	240	2760	0.40	ng		# 0.00
36) Perylene-d12	23.357	264	3299	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	402	0.28	ng		0.00
5) Phenol-d6	6.765	99	428	0.23	ng		0.00
8) Nitrobenzene-d5	8.755	82	435	0.18	ng		0.03
11) 2-Methylnaphthalene-d10	11.966	152	662	0.16	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	179	0.27	ng		0.01
15) 2-Fluorobiphenyl	12.860	172	897	0.16	ng		0.01
27) Fluoranthene-d10	19.017	212	1606	0.18	ng		0.00
31) Terphenyl-d14	19.628	244	1291	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	199	0.28	ng		94
3) n-Nitrosodimethylamine	3.503	42	438	0.38	ng	#	70
6) bis(2-Chloroethyl)ether	7.022	93	235	0.15	ng	#	82
9) Naphthalene	10.402	128	1214	0.19	ng	#	81
10) Hexachlorobutadiene	10.681	225	265	0.17	ng	#	93
12) 2-Methylnaphthalene	12.042	142	747	0.17	ng	#	88
16) Acenaphthylene	13.938	152	1213	0.20	ng		99
17) Acenaphthene	14.281	154	791	0.18	ng		91
18) Fluorene	15.283	166	1019	0.19	ng		97
20) 4,6-Dinitro-2-methylph...	15.410	198	104	0.17	ng	#	1
21) 4-Bromophenyl-phenylether	16.177	248	307	0.18	ng	#	78
22) Hexachlorobenzene	16.287	284	398	0.20	ng	#	87
23) Atrazine	16.457	200	299	0.19	ng	#	79
24) Pentachlorophenol	16.640	266	179	0.22	ng		97
25) Phenanthrene	17.017	178	1486	0.17	ng		98
26) Anthracene	17.114	178	1322	0.17	ng		97
28) Fluoranthene	19.047	202	1828	0.17	ng		98
30) Pyrene	19.415	202	1850	0.19	ng		99
32) Benzo(a)anthracene	21.163	228	1542	0.15	ng	#	91
33) Chrysene	21.216	228	1986	0.19	ng	#	92
34) Bis(2-ethylhexyl)phtha...	21.099	149	1069	0.22	ng		94
35) Indeno(1,2,3-cd)pyrene	25.524	276	2734	0.20	ng	#	91
37) Benzo(b)fluoranthene	22.710	252	1929	0.14	ng	#	69
38) Benzo(k)fluoranthene	22.751	252	2310	0.17	ng	#	67
39) Benzo(a)pyrene	23.265	252	1992	0.17	ng	#	56
40) Dibenzo(a,h)anthracene	25.537	278	2109	0.16	ng	#	65
41) Benzo(g,h,i)perylene	26.178	276	2431	0.18	ng	#	89

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

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