Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016711.D
Acq On : 04 Oct 2021 15:18
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Oct 04 15:53:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	25683	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	108544	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	56956	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	104710	0.40	ng		0.00
29) Chrysene-d12	21.238	240	196157	0.40	ng		0.00
35) Perylene-d12	23.491	264	192761	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	112710	1.72	ng		0.00
5) Phenol-d6	6.822	99	127156	1.78	ng		0.00
8) Nitrobenzene-d5	8.784	82	134036	1.89	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	278765	1.74	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	47898	1.85	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	382165	1.66	ng		0.00
27) Fluoranthene-d10	19.068	212	490140	1.76	ng		0.00
31) Terphenyl-d14	19.683	244	397465	0.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	21325	1.80	ng	#	72
3) n-Nitrosodimethylamine	3.576	42	34952	1.84	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	119963	1.72	ng		99
9) Naphthalene	10.457	128	500761	1.70	ng		100
10) Hexachlorobutadiene	10.749	225	94503	1.71	ng	#	100
12) 2-Methylnaphthalene	12.083	142	321598	1.71	ng		98
16) Acenaphthylene	13.990	152	455900	1.83	ng		100
17) Acenaphthene	14.332	154	287713	1.72	ng		99
18) Fluorene	15.322	166	348009	1.76	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	14300	1.18	ng	#	61
21) 4-Bromophenyl-phenylether	16.226	248	111210	1.71	ng		96
22) Hexachlorobenzene	16.336	284	124988	1.66	ng		100
23) Atrazine	16.506	200	94088	1.99	ng		100
24) Pentachlorophenol	16.677	266	38186	1.53	ng		99
25) Phenanthrene	17.066	178	528194	1.68	ng		100
26) Anthracene	17.163	178	491036	1.80	ng		100
28) Fluoranthene	19.098	202	589843	1.73	ng		100
30) Pyrene	19.465	202	611137	0.96	ng		100
32) Benzo(a)anthracene	21.217	228	639663	1.06	ng		100
33) Chrysene	21.270	228	626658	1.03	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	376961	1.57	ng		100
36) Indeno(1,2,3-cd)pyrene	25.774	276	689323	1.00	ng		100
37) Benzo(b)fluoranthene	22.813	252	670295	1.08	ng		99
38) Benzo(k)fluoranthene	22.858	252	623361	1.02	ng		99
39) Benzo(a)pyrene	23.392	252	593770	1.08	ng		99
40) Dibenzo(a,h)anthracene	25.795	278	550627	0.99	ng		99
41) Benzo(g,h,i)perylene	26.473	276	603198	0.99	ng		99

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

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