Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014460.D
Acq On : 27 Apr 2021 17:02
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Apr 27 18:56:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 18:52:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	7334	0.40	ng		0.00
7) Naphthalene-d8	10.441	136	26898	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	14055	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	30080	0.40	ng		0.00
29) Chrysene-d12	21.247	240	32007	0.40	ng		0.00
35) Perylene-d12	23.469	264	24556	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	10813	0.72	ng		0.00
5) Phenol-d6	6.839	99	13207	0.71	ng		0.00
8) Nitrobenzene-d5	8.807	82	15229	0.68	ng		-0.01
11) 2-Methylnaphthalene-d10	12.040	152	33328	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	3524	0.78	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	46354	0.83	ng		0.00
27) Fluoranthene-d10	19.091	212	66482	0.83	ng		0.00
31) Terphenyl-d14	19.697	244	53436	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	6371	0.71	ng		97
3) n-Nitrosodimethylamine	3.577	42	2946	0.63	ng	#	100
6) bis(2-Chloroethyl)ether	7.104	93	14440	0.80	ng		99
9) Naphthalene	10.492	128	55069	0.82	ng		100
10) Hexachlorobutadiene	10.784	225	10574	0.72	ng	#	100
12) 2-Methylnaphthalene	12.111	142	36209	0.83	ng		99
16) Acenaphthylene	14.016	152	44840	0.75	ng		100
17) Acenaphthene	14.371	154	31535	0.80	ng		99
18) Fluorene	15.361	166	39896	0.82	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	2081	0.62	ng	#	52
21) 4-Bromophenyl-phenylether	16.252	248	12789	0.75	ng		97
22) Hexachlorobenzene	16.361	284	16997	0.73	ng		99
23) Atrazine	16.519	200	7485	0.76	ng		99
24) Pentachlorophenol	16.702	266	2781	0.65	ng		99
25) Phenanthrene	17.091	178	67453	0.80	ng		100
26) Anthracene	17.177	178	52135	0.79	ng		100
28) Fluoranthene	19.121	202	75538	0.84	ng		100
30) Pyrene	19.483	202	73670	0.77	ng		100
32) Benzo(a)anthracene	21.237	228	70744	0.84	ng		99
33) Chrysene	21.290	228	79090	0.79	ng		97
34) Bis(2-ethylhexyl)phtha...	21.173	149	26672	0.89	ng		98
36) Indeno(1,2,3-cd)pyrene	25.694	276	77207	0.75	ng		98
37) Benzo(b)fluoranthene	22.805	252	71662	0.79	ng	#	94
38) Benzo(k)fluoranthene	22.850	252	76915	0.84	ng		97
39) Benzo(a)pyrene	23.377	252	63368	0.83	ng	#	87
40) Dibenzo(a,h)anthracene	25.708	278	64977	0.76	ng		97
41) Benzo(g,h,i)perylene	26.372	276	69297	0.77	ng		99

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

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