Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014484.D
Acq On : 29 Apr 2021 10:53
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 29 12:43:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 12:40:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	8314	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	29724	0.40	ng		0.00
13) Acenaphthene-d10	14.296	164	14821	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	30261	0.40	ng		0.00
29) Chrysene-d12	21.250	240	23421	0.40	ng		0.00
35) Perylene-d12	23.465	264	20904	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	1489	0.10	ng		0.00
5) Phenol-d6	6.839	99	1720	0.09	ng		0.00
8) Nitrobenzene-d5	8.819	82	1322	0.07	ng		0.01
11) 2-Methylnaphthalene-d10	12.040	152	5935	0.13	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	325	0.07	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	5883	0.11	ng		0.00
27) Fluoranthene-d10	19.089	212	9534	0.12	ng		0.00
31) Terphenyl-d14	19.695	244	5666	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1138	0.12	ng	#	82
6) bis(2-Chloroethyl)ether	7.104	93	2073	0.10	ng		99
9) Naphthalene	10.492	128	7978	0.11	ng		98
10) Hexachlorobutadiene	10.784	225	1582	0.11	ng	#	99
12) 2-Methylnaphthalene	12.111	142	4873	0.10	ng		99
16) Acenaphthylene	14.016	152	5031	0.09	ng		100
17) Acenaphthene	14.359	154	4119	0.10	ng		98
18) Fluorene	15.349	166	4886	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	133	0.05	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	1549	0.10	ng	#	94
22) Hexachlorobenzene	16.362	284	2326	0.11	ng		97
23) Atrazine	16.520	200	672	0.07	ng	#	89
25) Phenanthrene	17.092	178	8607	0.10	ng		99
26) Anthracene	17.177	178	5901	0.09	ng		99
28) Fluoranthene	19.119	202	8243	0.09	ng		100
30) Pyrene	19.481	202	8387	0.12	ng		100
32) Benzo(a)anthracene	21.229	228	6099	0.09	ng		98
33) Chrysene	21.282	228	8112	0.12	ng		99
34) Bis(2-ethylhexyl)phtha...	21.165	149	1969	0.07	ng		97
36) Indeno(1,2,3-cd)pyrene	25.687	276	7447	0.09	ng		97
37) Benzo(b)fluoranthene	22.801	252	7430	0.10	ng	#	82
38) Benzo(k)fluoranthene	22.846	252	8064	0.10	ng	#	85
39) Benzo(a)pyrene	23.369	252	6251	0.09	ng	#	63
40) Dibenzo(a,h)anthracene	25.704	278	6098	0.09	ng	#	89
41) Benzo(g,h,i)perylene	26.368	276	7491	0.11	ng		95

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

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