Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040621\
Data File : BN014210.D
Acq On : 05 Apr 2021 19:02
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Apr 06 01:10:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 05 18:58:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.644	152	6254	0.40	ng		0.00
7) Naphthalene-d8	10.429	136	24140	0.40	ng		0.00
13) Acenaphthene-d10	14.283	164	15215	0.40	ng		0.00
19) Phenanthrene-d10	17.031	188	32661	0.40	ng		0.00
29) Chrysene-d12	21.229	240	34504	0.40	ng		# 0.01
36) Perylene-d12	23.431	264	33430	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	11632	0.76	ng		0.00
5) Phenol-d6	6.814	99	15326	0.78	ng		0.00
8) Nitrobenzene-d5	8.794	82	13388	0.79	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	42965	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	4205	0.87	ng		0.00
15) 2-Fluorobiphenyl	12.900	172	44145	0.77	ng		0.00
27) Fluoranthene-d10	19.069	212	100844	0.80	ng		0.00
31) Terphenyl-d14	19.670	244	63165	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.166	88	5451	0.71	ng		90
3) n-Nitrosodimethylamine	3.496	42	4875	0.84	ng	#	94
6) bis(2-Chloroethyl)ether	7.080	93	14136	0.82	ng		100
9) Naphthalene	10.467	128	50661	0.78	ng		100
10) Hexachlorobutadiene	10.758	225	9394	0.79	ng	#	99
12) 2-Methylnaphthalene	12.093	142	36003	0.83	ng		99
16) Acenaphthylene	14.004	152	48382	0.78	ng		99
17) Acenaphthene	14.346	154	34768	0.79	ng		99
18) Fluorene	15.336	166	44997	0.81	ng		100
20) 4,6-Dinitro-2-methylph...	15.412	198	3429	0.82	ng		89
21) 4-Bromophenyl-phenylether	16.228	248	14572	0.78	ng		99
22) Hexachlorobenzene	16.337	284	16083	0.78	ng		99
23) Atrazine	16.496	200	9447	0.82	ng		100
24) Pentachlorophenol	16.690	266	3586	0.98	ng		99
25) Phenanthrene	17.068	178	76096	0.80	ng		100
26) Anthracene	17.165	178	63872	0.80	ng		100
28) Fluoranthene	19.094	202	89446	0.82	ng		100
30) Pyrene	19.461	202	88069	0.77	ng		100
32) Benzo(a)anthracene	21.208	228	81440	0.77	ng		100
33) Chrysene	21.261	228	94382	0.81	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	24558	0.76	ng		100
35) Indeno(1,2,3-cd)pyrene	25.635	276	109495	0.82	ng		100
37) Benzo(b)fluoranthene	22.767	252	98408	0.77	ng		96
38) Benzo(k)fluoranthene	22.812	252	97541	0.78	ng		98
39) Benzo(a)pyrene	23.332	252	87146	0.79	ng	#	92
40) Dibenzo(a,h)anthracene	25.646	278	91922	0.78	ng		99
41) Benzo(g,h,i)perylene	26.306	276	93281	0.75	ng		99

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

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