Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010721\
Data File : BN013345.D
Acq On : 07 Jan 2021 11:45
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jan 07 14:55:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 14:52:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	6563	0.40	ng		0.00
7) Naphthalene-d8	10.365	136	25523	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	14281	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	30986	0.40	ng	#	0.01
29) Chrysene-d12	21.183	240	30701	0.40	ng	#	0.00
36) Perylene-d12	23.367	264	30157	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	1948	0.07	ng		0.00
5) Phenol-d6	6.782	99	2485	0.10	ng		0.00
8) Nitrobenzene-d5	8.743	82	1781	0.06	ng		0.00
11) 2-Methylnaphthalene-d10	11.960	152	4579	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	564	0.06	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	6382	0.12	ng		0.00
27) Fluoranthene-d10	19.017	212	9478	0.10	ng		0.00
31) Terphenyl-d14	19.627	244	8129	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	896	0.03	ng		96
6) bis(2-Chloroethyl)ether	7.040	93	2028	0.12	ng		99
9) Naphthalene	10.416	128	7726	0.10	ng		97
10) Hexachlorobutadiene	10.708	225	1378	0.07	ng	#	99
12) 2-Methylnaphthalene	12.035	142	5279	0.10	ng		98
16) Acenaphthylene	13.940	152	6504	0.08	ng		99
17) Acenaphthene	14.295	154	4810	0.10	ng		100
18) Fluorene	15.285	166	6177	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.361	198	307	0.05	ng	#	1
21) 4-Bromophenyl-phenylether	16.179	248	1917	0.18	ng		97
22) Hexachlorobenzene	16.288	284	2189	0.06	ng		98
23) Atrazine	16.458	200	1119	0.07	ng	#	96
25) Phenanthrene	17.018	178	10340	0.10	ng		99
26) Anthracene	17.103	178	8481	0.10	ng		99
28) Fluoranthene	19.047	202	11366	0.09	ng		100
30) Pyrene	19.409	202	11685	0.10	ng		99
32) Benzo(a)anthracene	21.162	228	11279	0.11	ng		98
33) Chrysene	21.215	228	12780	0.11	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	3495	0.06	ng	#	98
35) Indeno(1,2,3-cd)pyrene	25.544	276	12814	0.09	ng		98
37) Benzo(b)fluoranthene	22.716	252	12514	0.08	ng	#	84
38) Benzo(k)fluoranthene	22.761	252	12252	0.09	ng	#	79
39) Benzo(a)pyrene	23.274	252	9717	0.09	ng	#	77
40) Dibenzo(a,h)anthracene	25.561	278	11073	0.10	ng	#	85
41) Benzo(g,h,i)perylene	26.201	276	11407	0.09	ng		95

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

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