Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014231.D
Acq On : 07 Apr 2021 18:39
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Apr 07 19:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 18:22:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	14691	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	57973	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	37041	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	82469	0.40	ng	0.00
29) Chrysene-d12	21.290	240	82945	0.40	ng	-0.01
36) Perylene-d12	23.538	264	84180	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	62529	1.79	ng	0.00
5) Phenol-d6	6.895	99	87409	1.91	ng	0.00
8) Nitrobenzene-d5	8.870	82	62814	1.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	156216	1.65	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	31083	2.26	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	205983	1.53	ng	0.00
27) Fluoranthene-d10	19.136	212	385925	1.63	ng	0.00
31) Terphenyl-d14	19.742	244	291909	1.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	24664	1.40	ng	# 82
3) n-Nitrosodimethylamine	3.617	42	17350	1.21	ng	# 70
6) bis(2-Chloroethyl)ether	7.161	93	60787	1.54	ng	93
9) Naphthalene	10.556	128	232950	1.61	ng	99
10) Hexachlorobutadiene	10.847	225	45381	1.70	ng	# 99
12) 2-Methylnaphthalene	12.173	142	166431	1.65	ng	98
16) Acenaphthylene	14.067	152	266275	1.81	ng	100
17) Acenaphthene	14.422	154	170521	1.64	ng	98
18) Fluorene	15.412	166	219190	1.65	ng	100
20) 4,6-Dinitro-2-methylph...	15.475	198	15156	1.30	ng	# 85
21) 4-Bromophenyl-phenylether	16.300	248	72388	1.65	ng	95
22) Hexachlorobenzene	16.410	284	80170	1.70	ng	96
23) Atrazine	16.568	200	70828	2.19	ng	100
24) Pentachlorophenol	16.751	266	33601	2.79	ng	97
25) Phenanthrene	17.140	178	347197	1.54	ng	100
26) Anthracene	17.237	178	337360	1.76	ng	100
28) Fluoranthene	19.166	202	401844	1.57	ng	99
30) Pyrene	19.528	202	418390	1.67	ng	99
32) Benzo(a)anthracene	21.279	228	414078	1.76	ng	100
33) Chrysene	21.332	228	405527	1.57	ng	100
34) Bis(2-ethylhexyl)phtha...	21.226	149	240173	2.95	ng	99
35) Indeno(1,2,3-cd)pyrene	25.800	276	506902	1.82	ng	100
37) Benzo(b)fluoranthene	22.863	252	439811	1.49	ng	# 97
38) Benzo(k)fluoranthene	22.911	252	422114	1.44	ng	99
39) Benzo(a)pyrene	23.439	252	402204	1.53	ng	# 88
40) Dibenzo(a,h)anthracene	25.817	278	422685	1.66	ng	100
41) Benzo(g,h,i)perylene	26.488	276	428346	1.65	ng	99

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

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