Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
Data File : BN014813.D
Acq On : 01 Jun 2021 14:41
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jun 01 15:20:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 01 14:44:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	534	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	1866	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	1335	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	3161	0.40	ng	0.00
29) Chrysene-d12	21.303	240	4237	0.40	ng	# 0.00
35) Perylene-d12	23.564	264	4159	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.308	112	1062	0.74	ng	0.00
5) Phenol-d6	6.887	99	1409	0.72	ng	0.00
8) Nitrobenzene-d5	8.857	82	1279	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	2835	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	518	0.67	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	4090	0.83	ng	0.00
27) Fluoranthene-d10	19.144	212	8939	0.71	ng	0.00
31) Terphenyl-d14	19.749	244	8173	0.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	534	0.86	ng	# 95
3) n-Nitrosodimethylamine	3.625	42	43	0.22	ng	# 47
6) bis(2-Chloroethyl)ether	7.144	93	1214	0.74	ng	97
9) Naphthalene	10.543	128	4223	0.79	ng	# 92
10) Hexachlorobutadiene	10.834	225	1158	0.82	ng	# 100
12) 2-Methylnaphthalene	12.160	142	3015	0.77	ng	97
16) Acenaphthylene	14.067	152	4011	0.75	ng	98
17) Acenaphthene	14.409	154	3002	0.77	ng	99
18) Fluorene	15.399	166	4147	0.75	ng	99
20) 4,6-Dinitro-2-methylph...	15.488	198	271	0.81	ng	# 65
21) 4-Bromophenyl-phenylether	16.301	248	1718	0.79	ng	98
22) Hexachlorobenzene	16.410	284	2024	0.85	ng	100
23) Atrazine	16.568	200	960	0.68	ng	97
24) Pentachlorophenol	16.763	266	367	0.72	ng	87
25) Phenanthrene	17.140	178	7150	0.75	ng	99
26) Anthracene	17.238	178	5839	0.73	ng	97
28) Fluoranthene	19.173	202	9629	0.73	ng	100
30) Pyrene	19.541	202	9671	0.80	ng	99
32) Benzo(a)anthracene	21.292	228	9201	0.71	ng	98
33) Chrysene	21.345	228	11810	0.83	ng	99
34) Bis(2-ethylhexyl)phtha...	21.229	149	2612	0.71	ng	97
36) Indeno(1,2,3-cd)pyrene	25.841	276	13670	0.80	ng	99
37) Benzo(b)fluoranthene	22.887	252	11943	0.78	ng	97
38) Benzo(k)fluoranthene	22.931	252	13344	0.83	ng	93
39) Benzo(a)pyrene	23.469	252	10569	0.78	ng	92
40) Dibenzo(a,h)anthracene	25.861	278	11406	0.80	ng	95
41) Benzo(g,h,i)perylene	26.532	276	12719	0.83	ng	98

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

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